AD-A083 040 ARMY TROOP SUPPORT AND AVIATION MATERIEL READINESS CO--ETC F/G 5/3
HISTORICAL INFLATION PROGRAM. (A COMPUTER PROGRAM GENERATING HI--ETC(U)
JAN 80 W H GILLE

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: TSARCOM Technical Report 80-1	2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE *(and Subtitle)*: Historical Inflation Program • (A Computer Program Generating Historical Inflation Indices for Army Aircraft) • Revision,	5. TYPE OF REPORT & PERIOD COVERED: (9) Final Repts
6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(s): (10) Warren H. Gille, Jr.	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: US Army Troop Support & Aviation Materiel Readiness Command, Office of the Comptroller, Cost Analysis Division, Components & Operational Studies Branch 4300 Goodfellow Blvd, St. Louis, MO 63120	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS	(11) 12. REPORT DATE: Jan[redacted]80
	13. NUMBER OF PAGES: 77 pages
14. MONITORING AGENCY NAME & ADDRESS *(if different from Controlling Office)*: (14) TSARCOM-TR-80-1	15. SECURITY CLASS. *(of this report)*: UNCLASSIFIED
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT *(of this Report)*

(12) 77

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution unlimited

17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

19. KEY WORDS *(Continue on reverse side if necessary and identify by block number)*
Inflation (Economics), Indexes, Cost Analysis, Aircraft, Avionics, Airframe, Engine, Computer Program, Computerized Simulation, Models, Methodology, Time Series Analysis, Army Aircraft, Cost Estimates, Procurement, Computations, History, Prices, Tracking, Microeconomics.

20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*
This report extends and revises Technical Report 79-1 which presents and describes the Historical Inflation Program, a computer program generating historical inflation indices for Army aircraft. The program can be updated monthly, is easily revised for changes in Bureau of Labor Statistics methods, and is capable of handling data for all fiscal year formats. Output is expressed as monthly, quarterly, Fiscal Year, and Calendar Year inflation indices (in Calendar Year 1967 base) and inflation factors (in any Fiscal Year base). This report contains updated tables of inflation factors, expressed in a FY 79

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20. ABSTRACT.

base. These indices and factors provide a means of adjusting historical cost data for the procurement of Army Aircraft to constant year dollars. Additional features include: computations for the Derivation of Revised Weighting Factors, detailed indices enabling the adjustment of historical Labor and Material cost separately, a discussion of aggregate weighting factors for Labor and Materials, (including trends from sensitivity analysis with more background materials), and additional documentation aimed at making the report useful to a large cross section of the DOD/Rotary Wing Aircraft Community.

DISCLAIMER STATEMENT

The views, opinions, and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision unless so designated by other documentation.

ACKNOWLEDGEMENTS

The author extends his appreciation to the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor, for special assistance with wage and price data.

Credit is due Mr. Ralph Lilge, USAAVRADCOM, who played a primary role in automating the Historical Inflation Program in 1975.

Ms. Marva Campbell, and Ms. Paula Smith provided excellent clerical support in the revision of this paper.

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TABLE OF CONTENTS

I. APPLICABILITY. The inflation indices and factors published in this report are applicable to the adjustment of historical costs for the procurement of Army aircraft. These costs are currently funded by the Aircraft Procurement, Army and Other Procurement Army appropriations.

II. AN OVERVIEW OF THE HISTORICAL INFLATION PROGRAM.

A. History.

The Historical Inflation Program for Army aircraft procurement was developed using a sequence of documents, the first being Aerospace Price Indices, by H.G. Campbell (RAND # R-568-PR, 12/70). Essentially, the RAND document established a basis for the construction of general indices, identified items of special interest and concern, and indicated that no substitute exists for thorough analysis of the specific items being characterized by an historical index. Several indices, designed specifically for rotary wing aircraft, have been developed for the adjustment of procurement cost since that time by the United States Army Aviation Systems Command, and this function has been carried over to the Components and Operational Studies Branch, Cost Analysis Division, Office of the Comptroller, USATSARCOM.

The current indices are based on research done in the period 1972 to date. In July 1973, the Office of the Comptroller, Cost Analysis Division, made a study of materials used in the Army helicopter systems then, or most recently, in production. Cost Information Reports were assembled, and contractors were asked to supply lists of materials for both airframe and engine, on the basis of contribution to weight. Contractor technical and engineering personnel provided assistance with data interpretation and definitions for items whose composition was unclear from engineering documents and Detailed Weight Statements.

The following aircraft were selected:

UH-1H	OH-6A	AH-1G
CH-47C	OH-58A	CH-54B

This selection of aircraft is deemed typical for several reasons. First, the six helicopter systems listed above make up the majority of the U.S. Army Air Order of Battle listed in Section III. Second, a number of these aircraft had been produced on a long term, continuing basis in previous versions. And, third, and most important, they are among the systems most likely to be used in developing Cost Estimating Relationships for new systems by use of parametric techniques.

The September 1973 Historical Inflation Cost Research Report, cited in the references, was the first report to make full use of this information. It was updated by the August 1974 Cost Research Report, and then by a series of expanded analyses under current title, Historical Inflation Program, since that time. A list of the assumptions and changes in methodology over the period referenced are included in the body of the Technical Section.

B. Construction of Indices - Methodology.

The indices are developed by a stepwise, building process, which computes the contributions to cost on a weighted value-added basis.

1. First, the contribution to cost of small parts and other purchased equipment is calculated.

2. Next, the cost contribution of purchased parts is combined with that of raw materials to get the cost of purchased materials.

3. Purchased material cost is then combined with contractor labor cost to compute the index for products such as engine or airframe.

4. The indices for engine, airframe, and avionics are combined to get an overall index for aggregate aircraft.

C. Indexing Technique.

The procedure used is "Cost-Weighting". The information obtained from 1973 research on "helicopter materials" established percentages based on weight. Because the indices used to track material costs are based on monetary considerations (e.g., Producer Price Index; Wages, by Standard Industrial Code), percentages by weight had to be transformed into percentage contributions to cost, if PPI and SIC inflation factors were to be applied directly. Based on the premise of profit maximization, contractors should tend to minimize the use of expensive materials subject to maintaining acceptable performance standards; essentially, materials with a high cost per unit weight ration would be used sparingly. Adjusting a percentage based on weight using a monetary index would not only result in an improper index initially, but also one with diminishing reliability. The latter bias is avoided by calculating the contribution to cost, instead of merely the contribution to weight.

D. Weighting Factors. Although the model is developed by an iterative, stepwise process, the revised weighting factors in the table (at the end of Appendix B) implicitly include all calculations. The index, as stated, is merely the direct sum of

the products of the weights and their corresponding material index values. The development of weights factors is illustrated in the Technical Section.

c. Data. The data used appear in two different forms. Yearly data are presented by Calendar Year 1947 to date, and monthly data for 1967 to date. The yearly data, pre 1958, are condensed into three columns; the data for 1958 and later are presented in an 18 column format - 14 columns for material inputs, and 4 for labor. Beginning with report 76-1B, all columns of the data set have been identified by PPI and SIC code, as well as a verbal description in the column heading. PLEASE NOTE: The data, their characterization, and any redefinition, by the Bureau of Labor statistics over the years, are tracked in line diagram C-2.

d. Validity and Firmness of Data.

The Producer Price Index and Wage Data was supplied by the Dallas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor. The data comes in three types of published form: (1) a cumulative history covering all relevant past years on a monthly basis. (2) A yearly edition (such as Wage and Price Index Annual Supplement) which lists the previous 12 months, and (3), monthly publications which list the most current month and several other months for comparison.

For data to be "firm" it must be at least 18 months old, in most cases, because it is benchmarked and adjusted after the fact. For example, small samples are taken throughout the year; however, during one month (the benchmark month), a much more comprehensive

sample is taken. Due to its significantly larger sample size, the benchmark month's sample is felt to be more representative than those of other individual months, and if the benchmark diverges from the pattern, the other months are adjusted proportionately to conform to its base as benchmark.

The data in the cumulative history "type" publication is felt to be firm or "final". Basically, such publications provide a chronological listing of all firm data available for the past history of those indices. However, the data in such publications is usually 18 to 24 months behind the current period. The data for each month listed in the Annual Supplements is not necessarily firm because benchmarks occur during the Calendar Year, and at different times for different series. Adjustments may not have been made before the Annual Supplements are published. The monthly publications, which contain information on the most current periods, are even more tentative. In general, the Producer Price Index Data are firm before Wage Indices for the corresponding month, probably due to the fact that it is easier to define and measure price changes for commodities than for human skills.

3. Particular Problems.

1. The Wage Data for the period CY 1971-CY 1973 changed, in many cases, during FY 75-FY 76. The wage-price freeze disallowed certain salary and wage increases, but a number of these were awarded on a retroactive basis based on legal decisions rendered several years after the fact. Because such payments involved costs directly attributable to labor services during the

period, these payments had to be incorporated in the indices to provide an accurate measure of labor earnings.*

2. With the September 1978 issue of Employment and Earnings, the reporting categories for a number of types of production labor were changed. In effect, the 1967 Standard Industrial Classification Code has been supplanted by the 1972 SIC Code.

The changes are as follows:

SIC Code & Title		-to-	SIC Code & Title	
3674,9	Electronic Devices & Components		367X	Electronic Components and Accessories
3722	Aircraft Engines and Engine Parts		3724	Aircraft Engines and Engine Parts
3723,9	Aircraft Parts and Equipment		3728	Aircraft Equipment

The reclassification had little or no impact on this study due to the essential similarities, by definition, of the old and new labor categories.

3. Potential discrepancies in the data set were eliminated by comparing data elements with the most recent data on microfiche for the 14 material and 4 labor categories used in the report. All data were verified to be the latest and most accurate available, on 20 January 1979.

*See BLS Bulletin No. 1312-10, Employment and Earnings 1909-75 for a detailed explanation (esp. p. 769).

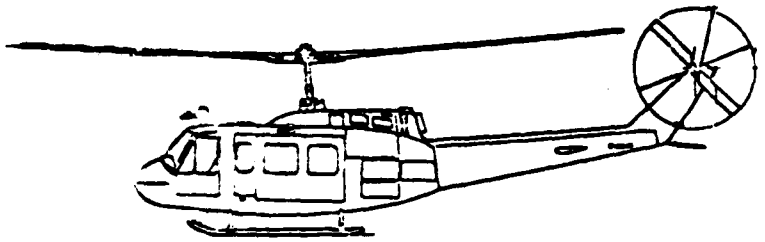
F. Change in Content from the Previous Reports.

A printout of the computer program used for the Historical Inflation Program is not included in this report, for two reasons. First, it was found that a list of structural equations would better serve the purpose of elucidating the model. At the same time, with the reduced form equations and clearly identifiable data sets, any index figure can be checked by direct calculation (See Appendix B, page B-4). Second, direct duplication of the deck from the original is more accurate and efficient than keypunching copies from the program source listings, should such an external need ever develop.

A sensitivity analysis, which displays the effects resulting from a change in the relative weights of labor and material in the Historical Index, has been included in this revision. The percentage contribution to cost attributable to labor and materials varies among aircraft systems, and the values used in this report--.378 (materials) and .622 (labor)--are an average for the six systems referenced. The sensitivity analysis yields a measure of the extent to which the index for a single aircraft system would vary, if that system is built with an aggregate labor/material mix which differs from the six system average. The accuracy of the re-weighted index, however, also requires that the other assumptions be well satisfied, i.e., the 14 material and 4 labor indices are typical of the system being reviewed. Because such weighting is a concern in developing estimates in inflated dollars, the effect of such "weighting changes" should be of significant interest to many readers.

DATA CONCERNING:

The Material Content of U.S. Army Helicopter Systems



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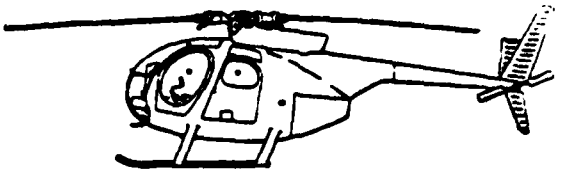
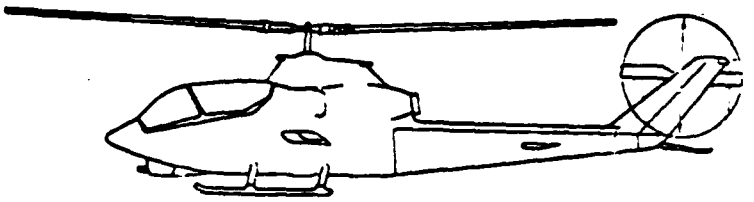
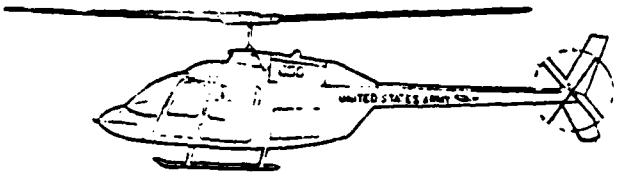


OH-6A "CAYUSE"

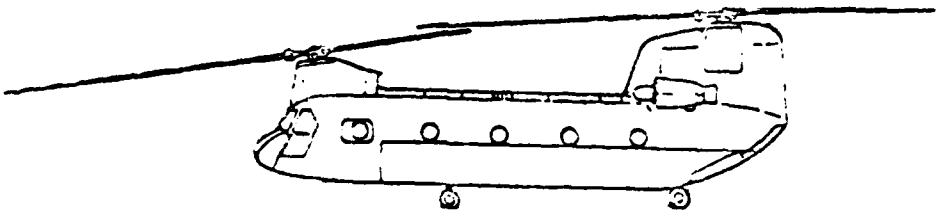


AH-1G "COBRA"

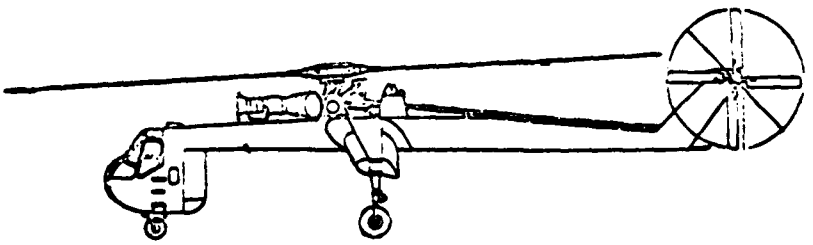


OH-58A "KIOWA"

U S ARMY AIRCRAFT



CH-47C "CHINOOK"



CH-54B "SKYCRANE"

whg

Air Order of Battle

United States Army - Quantities and Types of Aircraft

ROTARY WING AIRCRAFT

System Designation	Popular Name	Approx Empty Wt.	No. of Aircraft	Percent of Fleet
AH-1	"COBRA"	5,800 lbs.	800	10.2%
UH-1	"HUEY"	5,100 lbs.	4,200	53.2%
OH-6	"CAYUSE"	1,200 lbs.	450	5.7%
OH-58	"KIOWA"	1,750 lbs.	1,900	24.1%
CH-47	"CHINOOK"	19,500 lbs.	430	5.5%
CH-54	"SKYCRANE"	19,800 lbs.	75	1.0%
UH-60A	"BLACK HAWK"	10,500 lbs.	29	.3%
AH-64A	"ADV. ATTACK"	10,400 lbs.	0	0%
			7,884	100.0%

Sources: FM 101-20 (UNCLASSIFIED).
World Combat Aircraft Directory
Doubleday and Co.,

USAAVSCOM COST ANALYSIS DATA 1976

AMSAV-CCE 31 July 1973

MEMORANDUM THRU: Mr. Gerald Dockins, Acting Chief, Estimates and Studies Branch

FOR: Mr. Edward P. Laughlin, Chief, Cost Analysis Division

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

1. On 6 June 1973, this office received a request from Mr. W.J. Tropf, AMC Comptroller Office, Cost Analysis Division, for the material composition of a UH-1N helicopter. On 18 June 1973, Chief, AVSCOM Comptroller Office, Cost Analysis Division requested a similar analysis be performed on the following Army helicopters:

a. CH-47C.

b. OH-6A.

c. OH-58A.

d. AH-1G.

e. CH-54B.

2. A search of the technical data files and aircraft drawings failed to produce the desired data. The analysis was completed with the assistance of AVSCOM Systems Engineering Division, Directorate of RD&E and pertinent U.S. Army Plant Activities. Contractors were also contacted during the data search, and others. The data obtained are a combination of expert opinion, engineering estimates and contractor data obtained under previous contracts.

3. The following Cost Analysis personnel were assigned to this project:

Aircraft System	Assigned To
UH-1N	Gerald Dockins
CH-47C	James Cadell
OH-6A	John Thilmany
OH-58A	Gerald Dockins/James Cadell
AH-1G	Gerald Dockins/James Cadell
CH-54B	James Cadell

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4. Copies of the Material Composition Analysis have been placed in the following files:

a. A new file folder titled "Material Composition Analysis".

b. A complete copy of the findings placed in the file folder titled "Inflation".

c. A separate file of the findings relating to turbine engines has been created.

5. Summary Tables and Material Composition Analyses are inclosed.

James N Cadell

1 Incl
as

JAMES N. CADELL
Math-Stat

Materia. Composition Analysis
of Army Helicopters
(Dated July 197[illegible]
Material (Pounds,

U.S. Army Helicopters.

Aircraft Model	Empty Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetalic
AH-1G	5,394	1,888	1,780	216	108	593	0	0	216	0	0	593
UH-1H	4,973	1,579	1,718	280	70	400	100	0	100	0	0	726
OH-6A	1,163	666	218	46	[illegible]	30	23	3	0	1	25	150
OH-58A	[illegible],586	536	543	55	15	101	0	0	43	0	0	293
CH-47C	[illegible],[illegible]3	8,312	7,989	1,304	63	676	4	16	0	45	0	2074
CH-54B	[illegible],765	6,931	3,860	72	970	516	20	23	1	0	788	4584

U.S. Army Turbine Engines.

Engine Model	Dry Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Nickel Alloy	Nonmetalic	Stainless Steel	Steel Alloy
T53-L-13	527	79	316	80	26	3	0	23	0	0
T63-A-5A	138	1	108	26	0	0	0	3	0	0
T63-A-700	138	1	108	26	0	0	0	3	0	0
T55-L-7C	590	0	510	50	20	10	0	0	0	0
T7[illegible]-700	981	1	0	0	0	0	290	0	596	94

U.S. Army Helicopter Airframe, Only.

Aircraft Model	Airframe Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetalic
AH-1G	4,867	1,809	1,464	136	82	590	0	0	216	0	0	570
UH-1H	4,446	1,500	1,402	200	44	400	100	0	100	0	0	700
OH-6A	1,025	666	109	20	1	30	23	3	0	1	25	147
OH-58A	1,448	536	434	29	15	101	0	0	43	0	0	290
CH-47C	19,303	8,312	6,969	1,204	23	656	4	16	0	45	0	2,072
CH-54B	17,803	8,928	2,480	72	970	516	20	23	1	0	209	4,584

TABLE 3**

SUMMARY OF AIRFRAME AND ENGINE CIR DATA*

	(1) Airframe	(2) Engine
Labor	62.08%	40.85%
Material	37.92%	59.15%
Total Cost	100.00%	100.00%
New Material	41.88%	70.58%
Purchased Equipment	58.12%	29.42%
	100.00%	100.00%

(1) Airframe factors were obtained from a sample of 15 CIR reports representing the AH-1, CH-47, CH-54, OH-6, and OH-58 aircraft systems.

(2) Engine factors were obtained from a sample of 14 CIR reports representing 11 different turbine engine configurations procured from Lycoming, Allison, General Electric, and Pratt & Whitney.

*As adjusted by Labor and Material price movements.

** From HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT U.S. Army Aviation Systems Command, St. Louis, 1974, p. 11.

TECHNICAL SECTION

IV. ANALYSIS: (TECHNICAL SECTION).

A. Chronology. Previous efforts related to the development of inflation indices include Aerospace Price Indexes by H.G. Campbell, RAND Corporation, December 1970 (Reference 1) and two Cost Research Reports: Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, US Army Aviation Systems Command, September 1973 (Reference 4), and Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, US Army Aviation Systems Command, August 1974 (Reference 5).

1. Characteristics of the RAND Report.

a. Specific Producer Prices and Price Indexes (Reference 8) and Employment and Earnings (Reference 2) data have been selected as proxy series for similar commodity and labor categories experienced in the procurement of Army aircraft. Aircraft inflation indices are constructed from a weighted average of these proxy series. The weighting factors for this average are derived from estimates of the relative contribution to the total aircraft cost made by each component (commodity or industry labor group) comprising the index. The index is thus a "cost-weighted" series.

b. A 2½ percent compounded annual rate for growth of overhead ratios is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a Calendar Year basis.

2. Characteristics of the September 1973 Cost Research Report.

a. As with the RAND Report, aircraft inflation indices have been constructed from a weighted average of Producer Prices and Price Indexes and Employment and Earnings data selected as proxy series for their similarity to those commodities and labor categories experienced in the procurement of Army aircraft. Weighting factors are proportional to the relative physical weights or masses, rather than the relative costs (as in the RAND Report), of commodities comprising the "composite material" portion of the index. Thus, the "composite material" portion of the index represents a "weight-weighted" series.

b. Like the RAND Report, a 2½ percent annual growth in the overhead ratio is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a Calendar Year basis.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

3. Characteristics of the August 1974 Research Report.

a. As before, Producer Prices and Price Indexes and Employment and Earnings data have been selected as proxy series most similar to those commodities and labor categories experienced in the procurement of Army aircraft. The indices have been constructed from a weighted average of these proxy series utilizing the weighting factors used in the September 1973 Cost Research Report. The "composite material" portion of the index represents a "weight-weighted" series.

b. Unlike RAND and the September 1973 Cost Research Report, no adjustment for overhead growth is assumed.

c. No adjustment for productivity increases is assumed.

d. Indices have been extended to FY 1974 by assuming that data for the September 1973 Cost Research Report represented December and hence the Fiscal Year midpoint, rather than the annual average, of each calendar year.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

B. Data Sources. Data sources for this report are Producer Prices and Price Indexes (reference 8) and Employment and Earnings (reference 2). To insure that the latest revisions were incorporated into the data base, data was obtained from the Bureau of Labor Statistics Information Center, and Annual Supplements to the Producer Prices and Price Indexes. For Employment and Earnings, data for any given month was obtained from the latest available source. Data used in this report are displayed in Appendices D, E, G, and H.

C. Methodology.

1. Overhead and Productivity Adjustments. On the basis of data covering a ten year period, the RAND Report concluded that there exists a secular growth trend of 2½ percent per year in the production overhead rate. The report also concludes that there has been little, if any, improvement in productivity to counteract the observed trend in overhead growth. This conclusion appears to

be unwarranted, particularly in light of productivity gains recorded (as measured by Industrial Production Indices) for similar sectors of industry. Thus, in order not to unduly bias the results of the analysis, this report makes no adjustment for either overhead growth or improvements in productivity.

2. Revision of Weighting Factors. From a number of Cost Information Reports, the following weighting factors were developed and reported in the September 1973 Cost Research Report. For the Airframe:

(.378) Raw Material + (.622) Labor 3723,9 (3728)
= Purchased Equipment

(.582) Purchased Equipment + (.418) Raw Material
= Total Material

(.378) Total Material + (.622) Labor 3721 = Total Airframe

For the Engine:

(.599) Raw Material + (.401) Labor 3723,9 (3728)
= Purchased Equipment

(.295) Purchased Equipment + (.705) Raw Material
= Total Material

(.599) Total Material + (.401) Labor 3722 (3724)
= Total Engines

And for Avionics:

(.315) Material + (.685) Labor 3674,9 (367x) = Total Avionics

In the previously published indices, the weighting factors used to develop the material portion of the indices were made proportional to the relative physical weights of the various commodities used in the construction of the aircraft. The material portion of these indices thus represent a "weight-

weighted" series. In order to be consistent with the intended purposes of an inflation index, the methodology in this program uses index weighting factors proportional to the numerical products obtained from multiplying the relative physical commodity weights by the appropriate base year cost per pound. This yields a "cost-weighted" index giving more weight to such expensive commodities as titanium. Unfortunately, however, price per pound data are not published in Producer Prices and Price Indexes for each of the commodities used in constructing the indices. To overcome this difficulty, the per pound price is estimated from the available data of the most closely related commodities. To minimize the effect from related commodities which have relatively little economic impact, each price per pound estimate has been developed from a weighted average of available data utilizing the Bureau of Labor Statistics 1975 revised relative weights published in the 1978 Annual Supplement to Producer (Formerly Wholesale) Prices and Price Indexes. The available data then constitutes a weighted sample from which a surrogate price per pound is computed for the Producer Price series in question. See Appendix A for the Computations for the Derivation of these Revised Weighting Factors, along with their associated cost contribution per pound.

3. Construction of Indices.

a. Calendar Year 1967 has been taken as the base of these indices because this year represents the approximate midpoint of the period (1958-1978) for which the data supports the develop-

ref. of each of the indices, including those which account for avionics. Furthermore, 1967 conforms to the base used by the Bureau of Labor Statistics for Producer Price Indexes.

b. Appendix B contains the current Producer Price Index series, Earnings series, and the associated weighting factors used in the construction of the indices published in this report. Since some of these series have been in existence for only a limited time, other closely related series have been substituted with appropriate mathematical adjustments to insure continuity of the indices. This technique is considered preferable to the synthesis of data by projection from adjacent years. Appendix C depicts the historical flow and identifies the effective dates of series conversions, for the Producer Price Index and Earnings data used in the development of the indices published in this report.

c. The term "aggregate" has been selected to indicate inflation indices applicable to the combined Airframe and Engine (Aggregate Air Vehicle Excluding Avionics) and to the combined Airframe, Engine, and Avionics (Aggregate Air Vehicle Including Avionics) to avoid confusion with the term "composite" as in "composite escalation indices". Aggregate indices are based upon a standard 70-20-10 weighting (see Reference 6) of the Airframe, Engine and Avionics Indices respectively. Aggregate indices are intended for the adjustment of historical cost data for which the distribution of costs for the Airframe, Engine, and Avionics components is unavailable.

d. A new section depicting the raw material portion of

the inflation indices is published as Appendix I. It is intended for applications requiring greater accuracy. Appropriate labor indices can be obtained from the Bureau of Labor Statistics Employment and Earnings series (Reference 2) as follows:

Labor Category	1967 SIC Code	1972 SIC Code	Industry
Airframe Contractor	3721	3721	Aircraft
Airframe Subcontractor	3723,9	3728	Other aircraft part & equipment
Engine Contractor	3722	3724	Aircraft engines & engine parts
Engine Subcontractor	3723,9	3728	Other aircraft parts & equipment
Avionics	3674,9	367X	Other electronic components
Aggregate Air Vehicle Excluding Avionics	372	372	Aircraft and parts

e. The basic Computational Methodology is as follows :

(1) For Components: Airframe, Engine, and Avionics.

(a) Calendar Year indices are computed using sum of weighted calendar year labor and material indices.

(b) Fiscal Year indices are computed in a manner similar to Calendar Year, but the yearly fiscal averages are generated from the monthly data.

(c) Quarterly Indices are computed by averaging three months data from the monthly data set.

(d) Monthly indices are computed by direct calculation using monthly data. It is a weighted average of monthly figures computed using the same methodology as in computing the Calendar

Year Indices.

For additional information, see Appendix B.

(2) Aircraft System Cost

The inflation indices for "Aggregate Vehicle" and Aggregate Vehicle without Avionics" are produced by combining the three separate indices:

Component	Relative Weight
Airframe Index	70%
Engine Index	20%
Avionics Index	10%
Aggregate Vehicle	100%

Component	Relative Weight w/o Avionics
Airframe Index	78%
Engine Index	22%
Aggregate Vehicle without Avionics	100%

b. Reduced form equations are displayed in Appendix B, page B-3.

$$\begin{aligned} (.7) &: (.2 + .7) = .78 \\ (.2) &: (.2 + .7) = .22 \\ & \qquad\qquad\quad 1.00 \end{aligned}$$

V. DESCRIPTION OF COMPUTER PROGRAM AND ASSOCIATED APPENDICES.

The Historical Inflation Program is a computer program used to generate historical inflation indices for Army aircraft and their major subsystems. Appendices D and G contain the annual data used by the program, while the monthly data, commencing July 1967, are in Appendices E and H. Producer Price Index and Earnings data in these Appendices have been arrayed into columns with the same numerical code sequence used in Appendix B. Historical inflation indices and factors are published in Appendix F. Fiscal Year, quarterly, and monthly indices have been developed from the appropriate monthly data. A section containing the raw material portion only of these indices is published as Appendix I. The labor portion of these indices may be obtained by applying the methodology described in paragraph III.C.3 d, to the data contained in Appendices D and E.

VI. SENSITIVITY ANALYSIS

Many considerations are important when constructing Historical Indices for tracking purposes. These certainly include the following:

a. The nature of the items chosen to comprise the index.

(1) How typical or representative the items are.

(2) How closely the proxy items approximate the actual items, if indices for the actual items are not obtainable.

(3) The number of items used, and the detail in the analysis which produced the indices.

b. The determination of the percent contribution to cost - "Cost Drivers".

c. The weighting factors employed in the overall analysis.

A difficult problem confronting cost analysts, who must determine the validity of an historical index for tracking purposes, relates to aggregate labor/material weighting factors. In tracking major weapons systems, the ratio is often stated as say 40/60 - that is 40 percent material and 60 percent labor - as percent contributions to cost. Because it is difficult for analysts to determine the "correct" aggregate mix of labor and material, being external to the project, the aggregate split is certainly of interest.

The value for any index depends on three factors:

a. The number of factors employed, and the quality and depth of the analysis.

b. The values for each component of cost used in the construction of the index.

c. The weights, or levels of importance, given to the factors, individually and collectively.

The objective of this sensitivity analysis is to shed some light on the way in which the aggregate labor/material split affects the index, which has been a controversial issue for some time. Using a set of recursive linear equations, the effect on the historical inflation index, for airframe resulting from varying the aggregate weighting scheme was calculated, in both raw and percentage terms. The calculations were made using a Wang system 2200 minicomputer, and a sample printout follows. The results provide evidence that the key to a successful index resides in item (1), the number of factors employed, and the quality and detail in the analysis used in preparing the index. Because wages are often tied to the Producer Price Index, or other price indices, in labor agreements, it is not surprising that aggregate weighting percentages for labor and material might not be an extremely sensitive issue. However, the calculations provide strong support

for the position that the identification of cost components and the depth and quality of detail in an analysis are of paramount importance, when developing an index to be used in controlling the cost of a major weapon system.

******** S E N S I T I V I T Y A N A L Y S I S ********

(SENSITIVITY OF AIRFRAME INDEX TO CHANGES IN GROSS WEIGHTING FACTORS)

CALENDAR YEAR 1978

GROSS MATL	GROSS LABOR	PURE MATL	PURE LABOR	NEW INDX	CURR INDX	PERCENT CHANGE
37[illegible]	.6220	.2411	.7588	2.1471	2.1470	0.00
20[illegible]	.8000	.1068	.8931	2.1659	2.1470	0.88
250	.7500	.1408	.8591	2.1611	2.1470	0.66
[illegible]30	.7000	.1777	.8222	2.1559	2.1470	0.41
15[illegible]	.6500	.2175	.7824	2.1504	2.1470	0.15
400	.6000	.2603	.7396	2.1444	2.1470	- 0.12
450	5500	.3059	.6940	2.1380	2.1470	- 0.41
50[illegible]	5000	3545	6455	2.1312	2.1470	- 0.73
550	4500	4059	.5940	2.1239	2.1470	- 1.07
[illegible]0[illegible]	4000	4603	.5396	2.1163	2.1470	- 1.42
[illegible]1[illegible]	3500	5175	.4824	2.1082	2.1470	- 1.80
[illegible]6[illegible]	3000	5777	.4222	2.0998	2.1470	- 2.19
[illegible]7[illegible]	2500	6408	.3591	2.0910	2.1470	- 2.60
800	2000	[illegible]05[illegible]	.2941	2.0817	2.1470	- 3.02

[illegible] 1771 - 7 700 [illegible]1L 1723 9 - 6 420 NEW MHI (NO = 4920

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2. Employment and Earnings. Washington, DC: US Department of Labor, Bureau of Labor Statistics

3. Field Manual 101-20, Army Aviation Planning Manual, Washington D.C.: Headquarters, Dept of the Army, January 1979.

4. Historical Inflation Indices for Army Aircraft. St. Louis, MO: US Army Aviation Systems Command, Office of the Comptroller, Cost Analysis Division, September 1973.

5. Historical Inflation Indices for Army Aircraft. St. Louis, MO: US Army Aviation Systems Command, Office of the Comptroller, Cost Analysis Division, August 1974.

6. Letter, subject: Historical Cost Inflation Indices for Army Hardware and R&D Costs. Washington, DC: US Army Materiel Command, 26 October 1972

7. Memorandum, subject: Material Composition Analysis of US Army Helicopters. St. Louis, MO: US Army Aviation Systems Command, Office of the Comptroller, Cost Analysis Division, 31 July 1973.

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4. Letter, subject: Inflation Guidance. Alexandria, VA: U.S. Army Materiel Development & Readiness Command, Office of the Comptroller, Cost Analysis Division, 17 September 1979.

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APPENDIX A

Computations For The Derivation Of Revised Weighting Factors For The Historical Inflation Program

COMPUTATIONS USED FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
07	RUBBER AND PLASTIC PRODUCTS				
07 11 01 01	Latex				.2376
02	No. 1 Ribbed Smoked Sheets	.2642	.006	.001585	
03	No. 2 Ribbed Smoked Sheets	.1992	.009	.001793	
04	No. 3 Amber Blanket	.1951	.021	.004097	
02 11	Butyl, Regular	.1820	.021	.003822	
12	Neoprene, GN Type	.25	.012	.003	
13	Styrene Butadiene, Hot	.41	.020	.008199	
15	Polybutadiene, Non-Staining	.2224	.021	.004671	
03 21	Whole Tire Reclaim	.2476	.009	.002228	
		.113	.009	.001017	
			.128	.030412	
10 13 02 62	SHEETS, C.R., CARBON	.0737			.0737
10 13 02 64	SHEETS, C.R., STAINLESS	.5531			.5531
10 15 01 41	STEEL CASTINGS				
10 15 01 53	CLOSED DIE FORGINGS				
10 15 01 11	Ingot Molds	.0497			.0497
10 22 01 11	LEAD, PIG, COMMON	.14			.14
10 22 01 51	MAGNESIUM, PIG INGOT	.3595			.3595
10 25 01 01	ALUMINUM SHEET	.4185			.4185

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
10 25 01 13	ROD, SCREW, MACHINE STOCK	.6315			.6315
10 25 01 17	EXTRUSION, SOLID CIRCLE SIZE 4 TO 5				.6315
10 25 01 13	Rod, Screw, Machine Stock	.6315			
10 25 02	COPPER AND BRASS MILL SHAPES				.6216
31	Cartridge Brass Strip, 70-30 Alloy	.6033	.121	.073	
32	Yellow Brass Rod (62-35-3 Alloy)	.4602	.082	.03774	
33	Yellow Brass Tube (70-30 Alloy)	.7841	.048	.03764	
55	Copper Sheet or Strip	.6924	.108	.07478	
			.359	.22316	
10 25 04 63	MONEL SHEET, CR 400 ALLOY	1.3752			1.3752
10 25 05	TITANIUM MILL SHAPES[5]				5.2926
25	Titanium Bar, Ground, 6AL-AV	5.2926			

NOTES:

1. Capitalized and Underlined Commodity Titles indicate PPI Series actually used in the Historical Inflation Program.

2. Weight is Bureau of Labor Statistics Revised Relative Weight for the Wholesale Price Index. Source: 1975 Annual Supplement to Producer Prices and Price Indexes.

3. Product = (1967 Price Per Pound) x (Weight).

4. Weighted 1967 Price Per Pound = $\frac{\text{Product}}{\text{Weight}}$

NOTES: (Continued):

5. 1967 Titanium Bar Price Per Pound computed by utilizing Titanium Sponge index as surrogate for 1967 - Dec 1970. Titanium Mill Shapes index established December 1970. Titanium Sponge index for December 1970 is 95.5.

Figures may not sum due to rounding.

COMPUTATIONS FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	Commodity	contrib. to weight Airframe	contrib. to weight Engine	1967 COST Per Pound	contr. to cost per lb. Airframe	contr. to cost per lb. Engine	contr. to cost weighting factors Airframe	contr. to cost weighting factors Engine
07	Rubber and Plastic Products	.17	.012	.2376	.04039	.00285	.0211	.0023
10 13 02 62	Sheets, C.R., Carbon	.055		.0737	.00405		.0021	
10 13 02 64	Sheets, C.R., Stainless		.584	.5531		.32301		.2625
10 15 01 41	Steel Castings	.22		.0497	.01093		.0057	
10 15 01 53	Closed Die Forgings		.146	.0497		.00725		.0059
10 22 01 11	Lead, Pig, Common	.01		.14	.0014		.0007	
10 22 01 51	Magnesium, Pig Ingot	.033	.077	.3595	.01186	.02768	.0062	.0225
10 25 01 01	Aluminum Sheet	.256	.021	.4185	.10715	.00879	.0560	.0071
10 25 01 13	Rod, Screw, Machine Stock	.043	.004	.6315	.02715	.00253	.0142	.0021
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.128	.01	.6315	.08083	.00632	.0422	.0051
10 25 02	Copper and Brass Mill Shapes	.049	.005	.6216	.03046	.00311	.0159	.0025
10 25 04 63	Monel Sheet, CR 400 Alloy	.011	.122	1.3752	.01513	.16777	.0079	.1364
10 25 05	Titanium Mill Shapes	.025	.019	5.2926	.13231	.10056	.0691	.0817
		1.000	1.000		.46167	.64986	.2411	.5281

NOTE: Revised Weighting Factors Proportional to Cost Contribution Per Pound.
Previous Weighting Factors expressed as a proportion of "composite material" index.
Revised Weighting Factors expressed as a proportion of the total index.
Previous Technical Report (TR 76-1) omitted nickel component (represented by Monel Sheet) from Engine index.

COMPUTATIONAL
FORMULA

[CONTRIBUTION TO WEIGHT : PREVIOUS WEIGHTING FACTORS] X [1967 COST PER LB.] X [ADJUSTMENT FACTOR FOR (RELATIVE IMPORTANCE OF MATERIAL (RAW) IN OVERALL INDEX)] = AIRFRAME & ENGINE WEIGHTING FACTORS

APPENDIX B

Wholesale Price Indexes And Earnings Series Used In Historical Inflation Program With Revised Weighting Factors

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Airframe	Engine	Avionics	Remarks
(1)	07	Rubber and Plastic Products	.0211	.0023		
(2)	10 13 02 62 .04	Sheets, C.R., Carbon	.0021			
(3)	10 13 02 64	Sheets, C.R., Stainless		.2625		
(4)	10 15 01 41 .05	Steel Castings	.0057			
(5)	10 15 01 53 .09	Closed Die Forgings		.0059		
(6)	10 22 01 11	Lead, Pig, Common	.0007			
(7)	10 22 01 51	Magnesium, Pig Ingot	.0062	.0225		
(8)	10 25 01 01 .02	Aluminum Sheet	.0560	.0071		
(9)	10 25 01 13	Rod, Screw, Machine Stock	.0142	.0021		
(10)	10 25 01 17 .02	Extrusion, Solid Circle Size 4 to 5	.0422	.0051		
(11)	10 25 02	Copper and Brass Mill Shapes	.0159	.0025		
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy **	.0079	.1364		
(13)	10 25 05	Titanium Mill Shapes	.0691	.0817		
(14)	11 78	Electronic Components			.3150	
	SIC Code	Industry				
(15)	3674,9 (367X)	Other Electronic Components	.		.6850	
(16)	3721	Aircraft	.6220			
(17)	3722 (3724)	Aircraft Engines and Engine Parts		.4010		
(18)	3723,9 (3728)	Other Aircraft Parts and Equipment	.1369	.0709		
			1.0000	1.0000	1.0000	

COMPUTATIONAL FORMULAS : Labor Cost Indexes

The data concerning cost of labor services is supplied by the Bureau of Labor Statistics, as hourly wage rates by Standard Industry Codes, and is reported on a regular basis in Employment and Earnings. Because the material indices are percentages, and wages are expressed in dollars/hour, labor cost must be converted to a percentage (index) before calculations can be made. The dollar to percentage conversions for the labor categories are made as follows:

	SIC Code	Industry			1967 Hr. Wage			
(15)	3674,9 *(367X)	Other Electronic Components	Current Hr. Wage	÷	2.34	X	100% =	INDEX
(16)	3721	Aircraft Production Workers	Current Hr Wage	÷	3.49	X	100% =	INDEX
(17)	3722 *(3724)	Aircraft Engines and Engine Parts.	Current Hr. Wage	÷	3.42	X	100% =	INDEX
(18)	3723,9 *(3728)	Other Aircraft Parts and Equipment.	Current Hr. Wage	÷	3.35	X	100% =	INDEX

* After Cy 78, Bracketed Code Replaces Code Directly Above It.

REDUCED FORM EQUATION

Airframe = .0211 (V-1) + .0021 (V-2) + .0057 (V-4) + .0007 (V-6)
+ .0062 (V-7) + .056 (V-8) + .0142 (V-9) + .0422 (V-10)
+ .0159 (V-11) + .0079 (V-12) + .0660 (V-13) + .622 (V-16) (100/3.49)
+ .1369 (V-18) (100/3.35)

Engine = .0023 (V-1) + .2625 (V-3) + .0059 (V-5) + .0225 (V-7)
+ .0071 (V-8) + .0021 (V-9) + .0051 (V-10) + .0025 (V-11)
+ .1364 (V-12) + .0817 (V-13) + .401 (V-17) (100/3.42)
+ .0709 (V-18) (100/3.35)

Avionics = .3150 (V-14) + .6850 (V-15) (100/2.34)

Variables (V-1) thru (V-18) are defined on page B-2

DATA/DEVELOPMENT

(1) Calendar Year Data - As given on printout.

(2) Monthly Data - As specified on printout.

(3) Quarterly Data - Development from Monthly.

$$\text{Quarterly} = [(\text{Month}_{T-1}) + (\text{Month}_{T}) + (\text{Month}_{T+1})] / 3$$

(4) Fiscal Year Data - Developed using appropriate quarterly data.

$$\text{Fiscal Year Average} = \frac{Q_1 + Q_2 + Q_3 + Q_4}{4}$$

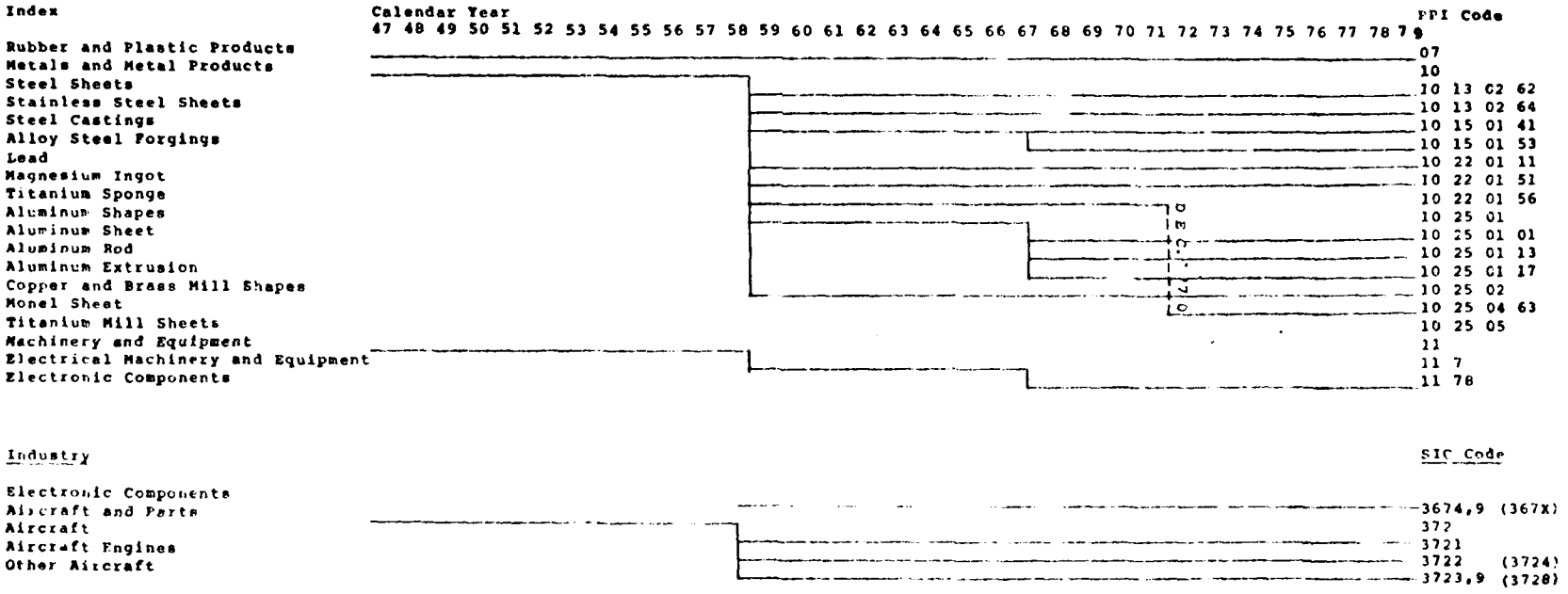
(Quarters of Fiscal Year)

Variables specified on preceding chart.

APPENDIX C

Historical Flow of Wholesale Price Indexes and Earnings Series Used in Historical Inflation Program With Revised Weighting Factors

Historical Flow of Producer Price Indexes and Earnings Series used in Historical Inflation Program



APPENDIX D

ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM FOR U. S. ARMY ROTARY WING AIRCRAFT

ANNUAL CALENDAR YEAR

BEFORE '85

THESE INPUTS ONLY

DATA

	1	2	3												(15)	(16)	(17)	(18)
4	[illegible]	58.9	1.570															
46	[illegible]	[illegible]	1.887															
47	70.5	65.0	1.560															
50	[illegible]	[illegible]	1.637															
51	100.4	73.6	1.750															
52	[illegible]	73.9	1.850															
53	[illegible]	70.3	1.950															
54	[illegible]	76.9	2.070															
55	100.4	82.1	2.160															
56	100.8	89.2	2.270															
57	100.4	91.0	2.350															
58	104.30	93.10	125.70	93.20	93.20	86.70	100.00	107.60	107.60	107.60	74.10	70.50	142.50	93.90	1.71	2.51	2.51	2.43
59	104.30	94.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	80.60	70.50	122.40	99.50	1.77	2.64	2.64	2.57
60	104.10	94.70	120.20	96.30	96.30	85.20	100.00	110.80	110.20	110.80	81.70	87.20	117.90	98.20	1.86	2.73	2.73	2.64
61	94.20	96.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.00	89.40	109.10	98.20	1.93	2.78	2.81	2.70
62	96.30	98.70	115.40	97.00	97.00	58.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	1.97	2.87	2.91	2.80
63	96.30	96.30	107.50	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	2.01	2.95	2.99	2.89
64	95.50	98.00	98.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	2.05	3.00	3.09	2.98
65	96.30	98.00	91.40	98.10	98.10	114.30	100.00	99.00	99.00	99.40	80.10	90.00	98.00	95.10	2.14	3.15	3.17	3.06
66	97.30	98.30	91.60	99.00	97.90	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	2.21	3.34	3.32	3.21
67	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	2.34	3.43	3.42	3.30
68	105.90	104.70	104.10	104.70	102.00	99.60	100.00	102.00	95.80	102.40	107.30	100.20	99.30	99.20	2.49	3.64	3.65	3.53
69	105.30	104.50	112.50	115.80	108.10	106.50	100.00	102.70	91.60	112.00	119.20	112.20	98.00	100.70	2.61	3.90	3.87	3.76
70	107.30	114.40	130.90	133.50	117.10	112.10	100.00	110.60	93.40	120.60	130.60	132.10	98.50	101.00	2.78	4.17	4.10	3.99
71	110.10	123.40	155.00	152.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	106.90	102.40	2.91	4.36	4.36	4.19
72	111.50	133.10	126.40	144.00	130.50	103.60	105.60	109.80	93.50	123.20	124.30	146.40	107.00	103.40	3.02	4.74	4.75	4.57
73	111.50	135.30	122.10	134.20	136.90	117.00	106.40	105.20	93.60	125.10	141.70	143.20	102.20	105.40	3.16	5.13	5.05	4.85
74	115.20	137.50	137.10	137.50	143.80	159.10	113.20	134.40	120.00	150.30	182.70	173.50	115.50	111.40	3.39	5.57	5.63	5.43
75	115.20	149.30	165.30	144.10	151.90	159.00	240.10	152.60	147.60	167.00	249.90	219.60	169.80	115.50	3.79	6.19	6.03	5.82
76	157.20	205.00	168.00	211.30	215.20	143.40	243.00	179.30	153.50	162.90	163.90	241.50	171.80	115.80	3.97	6.62	6.52	5.90
77	167.40	258.00	197.10	241.00	235.40	213.50	270.60	200.60	163.50	211.50	166.40	259.10	171.20	119.50	4.33	7.07	7.09	6.46
78	170.30	255.90	197.80	247.30	264.50	230.90	279.10	235.50	174.20	231.10	171.60	265.40	175.10	120.90	4.90	7.70	7.89	6.92

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14)

MATERIAL COST DATA

APPENDIX E

MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM :

MONTHLY DATA FOR MATERIALS

LABOR RATES

CYCLE	1 0027 ROOFING	2 150260 CR STL	3 150261 STEEL	4 150101 CAST	5 150153 FENCE	6 220111 LEAD	7 220151 MAGNES	8 250101 ALUMN	9 250113 SC.STK	10 250117 EXTRU	11 [illegible] CPR	12 250463 MONEL	13 2565XX TI.MIL	14 117[illegible] EFFECT	15 [illegible] EFFECT	16 ACFT ENG 3674.5	17 3721	18 3722	OTHER 3723.9 FY
67[illegible]	98.80	100.00	97.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.70	98.90	100.00	99.80	2.36	3.46	3.41	3.33	68
7A01	100.40	100.00	97.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.60	98.90	100.00	99.70	2.35	3.51	3.45	3.36	68
67[illegible]	101.30	100.00	99.10	100.00	100.20	101.00	100.00	100.10	100.10	100.10	96.40	98.90	100.00	99.50	2.35	3.52	3.48	3.38	68
67[illegible]	101.40	100.00	101.60	100.00	100.20	100.00	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	2.37	3.54	3.52	3.39	68
67[illegible]	102.40	100.00	103.50	100.00	101.30	100.00	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	2.38	3.56	3.49	3.42	68
67[illegible]	102.30	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	107.50	103.20	100.00	99.90	2.41	3.61	3.56	3.46	68
67[illegible]	102.40	103.40	103.20	100.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	2.43	3.50	3.58	3.48	68
67[illegible]	102.50	103.40	103.20	100.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	2.46	3.58	3.59	3.47	68
67[illegible]	102.60	103.40	103.20	100.00	101.40	100.00	100.00	100.10	100.10	100.10	120.00	105.40	100.00	99.10	2.46	3.58	3.58	3.48	68
67[illegible]	102.50	103.40	103.20	100.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	2.44	3.55	3.52	3.45	68
67[illegible]	102.70	103.40	103.20	100.00	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	2.47	3.58	3.61	3.49	68
68[illegible]	103.00	103.40	103.20	100.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	2.49	3.58	3.63	3.54	68
68[illegible]	103.50	103.40	103.20	100.80	101.40	92.90	100.00	104.20	101.60	104.50	99.30	105.40	99.20	99.00	2.49	3.57	3.63	3.55	69
68[illegible]	104.00	103.40	104.10	100.80	101.40	92.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	2.51	3.63	3.67	3.55	69
68[illegible]	104.00	107.20	103.30	100.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	2.52	3.69	3.70	3.56	69
68[illegible]	104.30	107.20	103.30	100.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	2.53	3.79	3.72	3.57	69
68[illegible]	104.30	107.20	102.20	100.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	2.55	3.80	3.76	3.61	69
68[illegible]	104.40	107.20	102.20	103.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	2.56	3.81	3.86	3.65	69
68[illegible]	103.20	107.20	105.40	103.50	105.60	96.50	100.00	104.20	86.20	104.50	109.30	110.50	99.20	98.90	2.56	3.81	3.81	3.65	69
68[illegible]	103.40	107.20	105.40	109.50	105.60	100.00	100.00	108.30	90.50	108.90	109.20	110.50	99.20	100.20	2.59	3.86	3.81	3.67	69
68[illegible]	104.10	107.20	105.40	110.50	105.60	100.00	100.00	109.30	90.50	109.40	110.40	110.50	99.20	100.40	2.58	3.85	3.80	3.68	69
68[illegible]	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.80	110.70	113.00	110.50	99.20	100.60	2.57	3.86	3.81	3.68	69
68[illegible]	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.60	112.00	116.10	110.50	99.20	100.40	2.60	3.88	3.84	3.74	69
68[illegible]	104.30	107.20	110.60	113.60	107.40	107.10	100.00	110.50	89.80	112.30	116.50	110.50	99.20	100.60	2.61	3.84	3.85	3.76	69
68[illegible]	105.70	107.20	110.60	113.60	109.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	2.62	3.83	3.87	3.78	70
69[illegible]	106.10	112.90	110.60	115.30	109.70	110.70	100.00	110.50	91.00	112.80	123.20	110.50	99.20	100.60	2.63	3.92	3.89	3.79	70
69[illegible]	105.80	112.90	110.60	115.30	109.10	110.70	100.00	110.50	93.40	112.30	127.00	110.50	95.50	101.20	2.65	3.89	3.92	3.79	70
69[illegible]	106.60	112.90	126.50	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.80	110.50	95.50	101.40	2.68	3.98	3.90	3.84	70
69[illegible]	107.50	112.90	126.00	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.50	95.50	101.70	2.65	4.05	3.94	3.86	70
69[illegible]	107.50	112.90	125.80	116.30	115.50	114.30	100.00	110.50	93.40	117.80	131.00	130.90	95.50	101.40	2.68	4.07	4.06	3.91	70
69[illegible]	107.50	107.50	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	2.70	4.09	4.01	3.89	70
70[illegible]	107.70	113.10	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.60	135.00	130.90	95.50	100.20	2.71	4.09	4.01	3.90	70
70[illegible]	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.60	130.90	95.50	100.20	2.73	4.09	4.03	3.93	70
70[illegible]	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	130.30	130.90	95.50	100.60	2.74	4.10	4.03	3.94	70
70[illegible]	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	130.70	130.90	95.50	99.80	2.77	4.11	4.06	3.95	70
70[illegible]	107.10	119.40	130.90	117.90	117.30	117.90	100.00	110.60	93.40	121.70	130.70	130.90	95.50	101.20	2.79	4.11	4.09	3.98	70
70[illegible]	108.50	119.40	130.90	120.40	118.40	110.40	100.00	110.60	93.40	121.70	133.20	130.90	95.50	101.20	2.81	4.12	4.11	4.00	71
70[illegible]	108.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	2.82	4.22	4.14	4.02	71
70[illegible]	108.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	132.60	133.10	95.50	101.50	2.83	4.27	4.13	4.04	71
70[illegible]	108.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	132.50	133.10	95.50	101.50	2.84	4.27	4.17	4.07	71
70[illegible]	108.00	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	132.10	136.00	95.50	101.90	2.90	4.34	4.19	4.09	71
70[illegible]	107.20	119.40	130.90	121.60	118.30	103.60	100.00	110.60	93.50	121.90	131.80	136.00	95.50	101.50	2.89	4.33	4.29	4.15	71
71[illegible]	106.30	113.40	130.90	122.60	113.90	96.40	103.60	110.60	93.40	121.50	115.20	136.00	100.00	102.60	2.90	4.32	4.28	4.11	71
71[illegible]	105.80	113.40	130.90	122.60	113.90	96.40	103.60	108.60	93.40	121.50	113.20	136.00	100.30	103.30	2.65	4.31	4.31	4.11	71
71[illegible]	105.80	113.40	130.90	122.60	113.20	96.40	103.60	108.60	93.40	121.50	112.10	136.00	101.70	103.70	2.90	4.32	4.31	4.09	71
71[illegible]	106.50	119.40	130.90	125.20	113.90	96.40	103.60	108.60	93.40	121.50	120.50	140.00	103.70	103.10	2.91	4.32	4.30	4.07	71
71[illegible]	106.60	119.40	130.90	125.20	121.70	96.40	103.60	108.60	93.40	121.50	120.00	140.00	103.70	102.70	2.92	4.37	4.34	4.13	71
71[illegible]	106.60	119.40	130.90	125.20	125.30	96.40	103.60	108.60	93.40	121.50	120.70	140.00	103.70	103.00	2.93	4.38	4.35	4.15	71
71[illegible]	109.40	127.40	130.90	125.20	125.30	101.40	103.60	108.60	93.40	121.50	120.70	140.00	103.70	103.10	2.92	4.38	4.37	4.16	72
71[illegible]	109.00	127.40	130.90	125.20	125.30	101.40	103.60	108.60	93.40	121.50	120.00	140.00	103.70	103.20	2.92	4.36	4.36	4.17	72
71[illegible]	107.30	127.40	130.90	125.20	125.30	101.40	103.60	108.60	93.40	121.50	119.50	140.00	103.70	102.80	2.93	4.38	4.37	4.20	72

MONTHLY DATA FOR MATERIALS LABOR RATES

CY/FY	1 007X PUG 00	2 130262 CR STL	3 130308 STLS	4 150181 CAST	5 151153	6 2?1111 LEAD	7 220151 MAGOTS	8 250101 ALUMIN	9 250113 SC,STK	10 250117 EXTRU	11 102502 CP/BPS	12 250463 MONEL	13 2500XX TI,MIL	14 117?XX ELECT	15 LABOR ELECT 3674,9	16 ACFT 3721	17 ENG 3722	18 OTHER 3723,9	FY
71OCT	109.40	127.90	137.10	[illegible]	[illegible]	101.80	100.90	108.60	93.40	121.50	119.50	140.40	103.70	102.00	2.89	4.41	4.41	4.18	72
71NOV	109.30	127.40	137.10	[illegible]	125.00	101.80	100.90	108.60	93.40	120.90	119.10	140.40	103.70	102.60	2.90	4.45	4.44	4.17	72
71DEC	109.30	127.40	137.10	[illegible]	125.00	101.10	100.90	103.60	93.40	120.90	117.70	140.40	103.70	102.50	2.94	4.46	4.52	4.26	72
72JAN	109.50	124.10	137.10	127.60	127.60	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	2.96	4.44	4.50	4.22	72
72FEB	109.20	134.50	137.10	127.60	129.00	103.63	103.60	105.60	93.40	121.60	121.60	140.40	106.80	103.40	2.96	4.58	4.54	4.20	72
72MAR	106.90	134.50	133.10	127.60	123.70	110.73	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	2.99	4.64	4.56	4.30	72
72APR	[illegible]	134.50	[illegible]	127.80	[illegible]	110.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	2.98	4.74	4.57	4.33	72
72MAY	106.80	134.50	133.10	127.90	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	3.00	4.72	4.63	4.36	72
72JUN	108.90	134.50	120.40	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	3.02	4.72	4.65	4.36	72
72JUL	109.20	134.50	120.40	127.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	3.03	4.64	4.69	4.34	73
72AUG	109.50	134.50	117.50	130.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	3.03	4.77	4.75	4.39	73
72SEP	109.50	134.50	117.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	3.06	4.79	4.78	4.43	73
72OCT	109.60	134.50	117.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	3.06	4.84	4.80	4.44	73
72NOV	109.80	134.50	117.50	130.90	131.30	103.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	3.05	4.97	4.83	4.49	73
72DEC	107.80	134.50	117.50	130.90	132.00	103.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	3.09	5.04	4.98	4.51	73
73JAN	110.00	134.50	117.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	3.09	4.99	4.92	4.52	73
73FEB	111.10	134.50	117.50	130.90	133.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	3.08	5.04	4.92	4.50	73
73MAR	110.30	134.50	117.50	130.40	134.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	3.10	5.04	4.94	4.55	73
73APR	[illegible]	134.50	117.50	132.30	136.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	3.12	5.03	4.95	4.57	73
73MAY	111.60	134.50	123.40	132.30	139.00	115.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	3.12	5.08	4.95	4.57	73
73JUN	112.60	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	3.13	5.07	4.99	4.62	73
73JUL	112.90	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	3.15	5.05	5.07	4.66	74
73AUG	113.10	134.50	124.50	133.00	138.20	117.90	106.40	104.40	93.40	125.20	140.80	149.80	109.00	104.60	3.16	5.17	5.08	4.69	74
73SEP	112.80	134.50	124.50	133.00	138.20	117.90	106.40	105.60	93.40	125.20	143.50	149.80	111.10	104.60	3.20	5.18	5.09	4.73	74
73OCT	114.00	137.50	124.50	133.00	138.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	3.22	5.27	5.12	4.77	74
73NOV	114.80	137.50	124.60	133.60	133.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	3.24	5.28	5.15	4.82	74
73DEC	116.50	137.50	124.60	133.00	133.40	132.10	106.40	103.40	93.40	126.90	160.40	149.80	114.70	105.70	3.27	5.34	5.37	4.88	74
74JAN	117.70	137.50	126.80	142.60	[illegible]	155.70	116.60	117.80	102.00	130.20	165.20	149.80	114.70	106.20	3.26	5.36	5.26	4.82	74
74FEB	[illegible]	137.50	128.60	143.50	[illegible]	155.70	116.90	117.80	102.00	134.00	165.40	149.80	114.70	106.40	3.28	5.41	5.29	4.88	74
74MAR	123.80	142.00	134.30	143.50	[illegible]	155.70	[illegible]	117.30	108.90	136.10	178.30	149.80	121.80	107.20	3.30	5.43	5.30	4.80	74
74APR	129.40	145.60	140.10	143.50	145.20	[illegible]	130.70	125.00	116.40	144.50	189.00	149.80	121.80	108.30	3.31	5.40	5.21	4.85	74
74MAY	133.70	155.80	152.60	161.00	152.20	[illegible]	[illegible]	127.10	116.40	146.20	200.30	175.30	123.10	109.60	3.34	5.50	5.34	5.02	74
74JUN	135.60	165.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	132.30	123.20	150.40	203.70	175.30	124.30	111.30	3.39	5.51	5.41	5.03	74
74JUL	139.50	182.30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	152.20	198.70	175.30	137.50	112.10	3.42	5.52	5.44	5.03	75
74AUG	143.50	188.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140.40	163.80	186.90	191.30	137.50	113.90	3.40	5.59	5.47	5.10	75
74SEP	[illegible]	188.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140.40	163.80	186.90	191.30	139.00	113.30	3.47	5.64	5.51	5.13	75
74OCT	147.50	168.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	142.20	164.80	181.60	191.30	151.70	114.30	3.47	5.75	5.55	5.15	75
74NOV	146.50	168.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144.10	163.60	172.70	191.30	151.70	116.80	3.52	5.83	5.59	5.18	75
74DEC	149.40	190.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	159.10	162.80	163.50	191.30	151.70	117.00	3.59	5.87	5.72	5.23	75
75JAN	149.20	189.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	195.10	162.10	159.10	219.60	163.40	117.30	3.63	5.93	5.75	5.23	75
75FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	195.10	162.10	156.00	219.60	167.40	117.00	3.66	5.94	5.84	5.29	75
75MAR	149.70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	148.10	165.20	[illegible]	219.60	162.20	116.60	3.66	6.00	5.90	5.35	75
75APR	147.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	149.10	165.20	[illegible]	219.60	168.60	116.30	3.71	6.07	5.90	5.39	75
75MAY	146.60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	149.10	165.00	[illegible]	219.60	170.80	115.60	3.73	6.12	5.96	5.47	75
75JUN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144.10	165.50	147.90	219.60	170.80	115.70	3.77	6.20	6.03	5.49	75
75JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	159.10	165.50	[illegible]	219.60	171.80	115.60	3.81	6.22	6.00	5.56	76
75AUG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	157.20	171.00	[illegible]	219.60	171.80	115.10	3.78	6.26	6.04	5.62	76
75SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	147.20	171.60	147.10	219.60	171.80	114.50	3.81	6.30	6.12	5.65	76
75OCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	147.20	170.70	[illegible]	[illegible]	171.80	113.90	3.81	6.37	6.16	5.66	76
75NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	147.20	170.70	151.30	219.60	171.80	114.30	3.81	6.43	6.23	5.77	76
75DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	137.20	170.30	150.00	[illegible]	171.80	114.30	3.85	6.47	6.44	5.81	76

MONTHLY DATA FOR MATERIALS ONLY

LABOR RATES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	0000	130000	130100	130150	130155	220111	220151	250101	250113	250117	102502	250463	2505xx	117GXX	ELECT	ACFT	ENG	OTHER	
CIZ	CS STL	CS STL	STEEL	CAST	FORGE	LEAD	MAGNES	ALUMI	SC.STL	EXTRU	CPZBES	MONEL	TI.ALL	ELECT	3674.9	3721	3722	3723.9	FY
76JF	192.30	197.00	162.60	214.00	199.40	135.70	242.00	157.20	147.20	169.80	149.20	241.50	171.80	114.50	3.88	6.47	6.32	5.79	76
76FE	192.30	197.00	162.60	214.00	199.40	135.70	242.00	158.80	147.20	169.80	150.10	241.50	171.80	114.90	3.87	6.54	6.33	5.84	76
76MR	195.50	197.00	162.60	214.00	210.80	135.70	242.00	163.50	147.20	169.80	152.10	241.50	171.80	114.70	3.88	6.58	6.37	5.86	76
76APR	196.70	197.00	162.60	214.00	219.20	150.00	242.00	163.50	147.20	169.90	163.20	241.50	171.80	115.20	3.88	6.54	6.21	5.83	76
76MAY	197.10	197.00	162.60	214.00	210.20	162.50	242.00	169.30	154.60	175.30	166.70	241.50	171.80	115.00	3.91	6.57	6.37	5.93	76
76JUN	197.30	209.10	162.60	214.00	215.20	169.30	242.00	175.90	154.60	180.40	166.70	241.50	171.80	115.40	3.94	6.54	6.42	5.94	76
76JUL	198.20	209.10	162.60	214.00	219.50	176.80	255.90	175.90	154.60	180.70	168.80	241.50	171.80	115.40	3.97	6.67	6.61	5.99	77
76AUG	161.00	209.10	176.40	218.40	220.50	176.80	255.90	179.80	154.60	186.90	171.40	241.50	171.80	115.50	3.99	6.64	6.62	5.98	77
76SEP	163.60	209.10	176.30	218.40	220.60	176.80	255.90	190.30	159.80	197.50	172.40	241.50	171.80	115.80	4.01	6.63	6.66	6.03	77
76OCT	164.50	209.10	176.30	218.40	220.60	183.90	255.90	190.30	159.80	197.50	174.70	241.50	171.80	116.20	4.04	6.75	6.71	6.05	77
76NOV	164.90	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.40	4.06	6.77	6.75	6.12	77
76DEC	165.10	220.90	176.50	211.40	221.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	116.60	4.16	6.81	6.86	6.18	77
77JAN	166.60	222.60	176.60	219.40	231.90	189.30	255.90	190.30	158.80	197.50	159.00	241.50	171.80	117.90	4.21	6.88	6.83	6.14	77
77FEB	166.80	222.60	176.60	229.40	231.80	207.10	267.00	190.30	159.80	197.50	160.40	241.50	171.80	118.20	4.19	6.90	6.87	6.20	77
77MAR	168.30	222.60	176.60	230.40	231.80	221.40	267.00	190.30	158.80	197.50	167.40	262.60	171.80	118.20	4.20	6.93	6.86	6.25	77
77APR	169.00	222.60	176.60	233.40	231.80	221.40	267.00	196.00	161.50	208.70	175.30	262.60	171.80	118.80	4.22	6.97	6.84	6.29	77
77MAY	168.90	222.60	200.10	235.70	231.80	221.40	267.00	193.80	158.80	208.70	175.30	262.60	169.80	118.80	4.26	7.03	6.85	6.35	77
77JUN	167.40	222.60	203.90	235.70	231.80	221.40	267.00	193.80	158.80	209.30	172.90	262.60	169.80	118.90	4.32	7.06	6.95	6.39	77
77JUL	168.90	237.40	205.60	239.70	238.20	221.40	275.40	203.70	167.80	218.30	173.10	262.60	169.80	118.70	4.35	7.09	7.01	6.43	77
77AUG	169.10	237.40	205.60	239.40	238.20	221.40	275.40	204.60	167.80	220.20	170.20	262.60	170.00	118.80	4.38	7.15	7.02	6.45	77
77SEP	169.50	237.40	205.70	239.40	240.10	221.40	275.40	204.60	167.80	220.20	163.10	262.60	168.80	120.50	4.44	7.19	7.15	6.57	77
77OCT	170.30	237.40	205.70	241.20	240.10	221.40	275.40	206.00	167.80	220.20	158.60	262.60	169.10	121.10	4.58	7.16	7.27	6.56	78
77NOV	170.20	237.40	200.30	241.20	245.40	228.60	275.40	211.80	167.80	220.20	160.60	262.60	168.70	121.70	4.61	7.23	7.33	6.65	78
77DEC	170.00	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.80	220.20	161.20	262.60	168.70	121.50	4.69	7.20	7.53	6.63	78
78JAN	170.20	237.40	199.00	241.90	245.90	235.70	275.40	211.80	167.80	223.80	164.80	262.60	168.70	124.40	4.75	7.36	7.46	6.68	78
78FEB	170.20	250.80	199.00	241.90	245.90	235.70	275.40	217.00	167.80	225.20	166.80	262.60	169.30	124.70	4.77	7.44	7.68	6.74	78
78MAR	171.40	250.40	198.40	241.90	257.70	235.70	275.40	228.50	170.40	229.30	167.00	262.60	170.10	125.80	4.78	7.44	7.55	6.74	78
78APR	172.00	254.10	194.50	243.00	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	4.79	7.50	7.58	6.81	78
78MAY	173.80	258.50	197.70	264.00	263.70	223.60	280.90	228.50	173.10	230.60	169.10	262.60	172.20	126.00	4.80	7.52	7.60	6.82	78
78JUN	174.50	259.50	197.70	260.00	263.90	221.40	280.90	228.50	173.10	232.00	171.30	262.60	174.20	126.60	4.84	7.54	7.69	6.87	78
78JUL	174.40	259.50	200.60	260.00	264.90	221.40	280.90	235.20	173.10	232.00	169.70	262.60	174.20	127.10	4.91	7.63	7.77	6.88	78
78AUG	175.70	262.30	200.60	260.60	274.00	233.90	280.90	245.20	178.90	232.00	172.50	262.60	175.70	127.00	4.92	7.73	7.82	6.96	78
78SEP	176.70	262.90	205.30	263.50	275.00	235.70	280.90	245.20	178.90	232.00	173.80	262.60	175.60	127.20	5.00	7.77	7.96	7.00	78
78OCT	176.10	262.90	206.00	263.60	275.60	269.50	280.90	245.20	177.30	232.00	177.10	262.60	175.70	128.50	5.00	7.96	8.03	7.07	79
78NOV	177.40	262.90	208.70	263.60	276.60	271.40	280.90	245.20	177.30	236.10	176.20	262.60	176.00	130.00	5.02	8.07	8.08	7.12	79
78DEC	177.70	262.40	208.70	264.20	276.60	271.40	280.90	245.20	179.70	237.80	180.50	272.00	175.20	130.00	5.13	8.12	8.32	7.19	79
79JAN	180.60	275.70	206.30	264.90	284.10	285.70	280.90	245.20	185.00	240.40	187.90	272.00	176.40	130.40	5.14	8.26	8.19	7.13	79
79FEB	183.10	275.70	207.30	271.00	296.90	314.30	293.50	245.20	185.00	241.40	201.60	272.00	177.00	131.20	5.17	8.25	8.18	7.16	79
79MAR	185.10	275.70	209.00	275.00	287.90	328.60	293.50	245.20	185.00	242.40	213.60	277.80	180.30	131.70	5.18	8.25	8.24	7.14	79
79APR	185.40	275.70	211.70	281.10	287.90	342.50	293.50	245.20	187.30	250.20	222.10	284.50	204.30	132.70	5.17	8.19	8.07	7.13	79
79MAY	190.30	275.70	215.00	283.70	287.90	342.50	293.50	245.20	190.10	251.60	219.20	287.70	205.80	133.10	5.22	8.32	8.30	7.26	79
79JUN	193.10	275.70	215.10	284.70	287.50	403.60	293.50	245.20	192.10	251.60	217.30	300.00	210.80	134.50	5.29	8.33	8.38	7.35	79
79JUL	195.50	287.40	225.80	291.20	297.50	428.60	293.50	245.20	192.10	256.40	219.20	334.70	210.20	135.80	5.34	8.43	8.49	7.43	79
79AUG	197.40	289.00	226.70	292.30	297.50	419.30	293.50	245.20	192.10	260.60	219.10	334.70	211.20	137.50	5.46	8.47	8.60	7.43	79
79SEP	200.30	289.00	226.30	295.60	297.50	419.30	293.50	245.20	192.10	260.60	219.10	334.70	212.50	139.90	5.48	8.58	8.72	7.55	79

APPENDIX F

HISTORICAL INFLATION INDICES :

HISTORICAL INFLATION
PRE-1958 INDICES

CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY79= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79= 1.0000
47	47.3	4.8644	55.2	4.2859	49.1	4.7199
48	52.1	4.4217	61.8	3.8290	54.2	4.2717
49	53.8	4.2914	63.1	3.7481	55.9	4.1475
50	56.8	4.0581	66.4	3.5636	58.9	3.9342
51	62.4	3.6831	73.3	3.2260	64.9	3.5720
52	64.7	3.5537	74.9	3.1585	67.0	3.4600
53	67.5	3.4145	77.8	3.0390	69.8	3.3213
54	69.4	3.3176	79.3	2.9814	71.6	3.2349
55	73.1	3.1492	84.0	2.8151	75.6	3.0666
56	77.6	2.9678	90.2	2.6221	80.4	2.8816
57	79.9	2.8835	92.5	2.5572	82.7	2.8024

HISTORICAL INFLATION
CALENDAR YEAR INDICES

CY	AIRFRAME PRODUCTION INDEX CY67=	AIRFRAME PRODUCTION FACTOR FY79=	ENGINE PRODUCTION INDEX CY67=	ENGINE PRODUCTION FACTOR FY79=	AVIONICS PRODUCTION INDEX CY67=	AVIONICS PRODUCTION FACTOR FY79=	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79=	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79=
58	82.4	2.7930	94.2	2.5115	81.5	2.3850	85.0	2.7243	84.7	2.6917
59	83.3	2.7654	92.6	2.5531	83.2	2.3392	85.4	2.7142	85.1	2.6775
60	85.3	2.7006	95.5	2.4759	85.4	2.2773	87.6	2.6461	87.3	2.6101
61	86.0	2.6788	95.6	2.4726	87.4	2.2239	88.1	2.6290	88.1	2.5888
62	87.1	2.6430	95.9	2.4670	88.1	2.2063	89.1	2.6009	89.0	2.5618
63	88.0	2.6160	94.4	2.5052	89.0	2.1851	89.5	2.5900	89.4	2.5497
64	89.2	2.5822	92.3	2.5619	91.1	2.1335	89.9	2.5776	90.0	2.5326
65	92.3	2.4956	92.7	2.5507	92.6	2.0997	92.4	2.5071	92.4	2.4663
66	96.5	2.3873	95.5	2.4766	95.5	2.0367	96.3	2.4070	96.2	2.3702
67	100.0	2.3031	100.0	2.3650	100.0	1.9444	100.0	2.3169	100.0	2.2796
68	103.8	2.2187	104.6	2.2610	104.1	1.8671	104.0	2.2282	104.0	2.1920
69	110.4	2.0865	111.1	2.1279	108.1	1.7983	110.6	2.0958	110.3	2.0666
70	116.9	1.9708	121.8	1.9415	113.2	1.7177	118.0	1.9641	117.5	1.9404
71	120.9	1.9058	127.6	1.8537	117.4	1.6556	122.3	1.8937	121.9	1.8708
72	128.9	1.7865	130.7	1.8090	121.0	1.6073	129.3	1.7916	128.5	1.7742
73	137.7	1.6720	135.3	1.7485	125.4	1.5507	137.2	1.6888	136.0	1.6760
74	154.0	1.4957	157.2	1.5047	134.3	1.4475	154.7	1.4977	152.7	1.4933
75	172.0	1.3390	178.1	1.3277	146.2	1.3303	173.4	1.3364	170.6	1.3359
76	184.6	1.2477	189.7	1.2470	152.7	1.2734	185.7	1.2476	182.4	1.2497
77	197.8	1.1641	207.6	1.1391	164.4	1.1828	200.0	1.1584	196.5	1.1604
78	214.7	1.0725	219.3	1.0782	183.4	1.0601	215.8	1.0738	212.5	1.0726

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY79= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY79= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79= 1.0000
JUL	67	68	99.3	2.3196	99.4	2.3783	100.5	1.9343	99.3	2.3326	99.4	2.2924
AUG	67	68	100.3	2.2952	100.0	2.3655	100.2	1.9406	100.3	2.3108	100.3	2.2738
SEP	67	68	100.7	2.2860	100.4	2.3560	100.1	1.9418	100.6	2.3031	100.6	2.2671
OCT	67	68	101.1	2.2772	102.1	2.3159	100.7	1.9311	101.4	2.2858	101.3	2.2506
NOV	67	68	102.1	2.2567	102.3	2.3125	100.9	1.9273	102.1	2.2691	102.0	2.2353
DEC	67	68	102.8	2.2406	103.2	2.2320	102.0	1.9059	102.9	2.2520	102.8	2.2177
JAN	68	68	102.5	2.2473	103.5	2.2855	102.5	1.8962	102.7	2.2558	102.7	2.2199
FEB	68	68	102.5	2.2462	103.9	2.2765	103.3	1.8819	102.8	2.2530	102.9	2.2157
MAR	68	68	102.6	2.2450	103.8	2.2786	103.2	1.8836	102.9	2.2525	102.9	2.2155
APR	68	68	101.9	2.2593	103.0	2.2969	102.7	1.8926	102.1	2.2682	102.2	2.2304
MAY	68	68	102.4	2.2497	104.1	2.2725	103.6	1.8760	102.8	2.2549	102.8	2.2167
JUN	68	68	102.8	2.2409	104.4	2.2646	104.1	1.8677	103.1	2.2462	103.2	2.2081
JUL	68	69	102.8	2.2408	104.5	2.2639	104.1	1.8683	103.2	2.2460	103.2	2.2079
AUG	68	69	103.9	2.2177	105.2	2.2487	104.7	1.8578	104.1	2.2247	104.2	2.1878
SEP	68	69	104.8	2.1985	105.3	2.2459	105.0	1.8526	104.9	2.2091	104.9	2.1734
OCT	68	69	106.6	2.1607	105.6	2.2404	105.2	1.8475	106.4	2.1783	106.3	2.1455
NOV	68	69	107.0	2.1532	105.8	2.2343	105.9	1.8367	106.7	2.1710	106.6	2.1379
DEC	68	69	107.3	2.1457	107.1	2.2079	106.2	1.8316	107.3	2.1595	107.2	2.1271
JAN	69	69	107.5	2.1431	108.1	2.1882	106.1	1.8327	107.6	2.1532	107.5	2.1215
FEB	69	69	108.9	2.1143	108.2	2.1861	107.4	1.8107	108.8	2.1302	108.6	2.0986
MAR	69	69	108.9	2.1149	108.1	2.1878	107.2	1.8146	108.7	2.1310	108.6	2.0998
APR	69	69	109.2	2.1093	108.4	2.1807	106.9	1.8185	109.1	2.1243	108.9	2.0943
MAY	69	69	109.2	2.1092	109.0	2.1698	107.8	1.8037	109.2	2.1218	109.1	2.0904
JUN	69	69	109.4	2.1051	110.3	2.1447	108.1	1.7908	109.6	2.1148	109.4	2.0836
JUL	69	70	109.3	2.1068	110.6	2.1391	108.4	1.7945	109.6	2.1140	109.5	2.0824
AUG	69	70	111.1	2.0729	110.8	2.1338	108.7	1.7891	111.0	2.0864	110.8	2.0572
SEP	69	70	110.4	2.0863	110.9	2.1326	109.5	1.7765	110.5	2.0967	110.4	2.0649
OCT	69	70	112.3	2.0509	115.5	2.0475	109.2	1.7802	113.0	2.0501	112.6	2.0239
NOV	69	70	113.8	2.0246	115.4	2.0501	109.6	1.7739	114.1	2.0303	113.7	2.0056
DEC	69	70	114.6	2.0098	113.4	1.9807	110.4	1.7613	115.7	2.0031	115.1	1.9799
JAN	70	70	114.9	2.0037	120.4	1.9649	111.0	1.7520	116.2	1.9947	115.6	1.9714
FEB	70	70	115.0	2.0020	120.4	1.9645	110.9	1.7534	116.2	1.9941	115.7	1.9710
MAR	70	70	115.1	2.0017	120.7	1.9598	111.5	1.7442	116.3	1.9920	115.8	1.9682
APR	70	70	115.4	1.9962	120.7	1.9601	111.9	1.7377	116.6	1.9879	116.1	1.9638
MAY	70	70	115.7	1.9903	121.1	1.9529	112.5	1.7280	116.9	1.9817	116.5	1.9572
JUN	70	70	115.9	1.9874	121.5	1.9460	113.6	1.7124	117.1	1.9782	116.8	1.9523
JUL	70	71	116.1	1.9837	121.8	1.9416	114.1	1.7036	117.4	1.9740	117.0	1.9476
AUG	70	71	118.0	1.9525	122.2	1.9353	114.4	1.7002	118.9	1.9484	118.5	1.9245
SEP	70	71	118.8	1.9380	122.4	1.9321	114.8	1.6935	119.6	1.9366	119.2	1.9132
OCT	70	71	119.0	1.9361	122.9	1.9257	115.1	1.6892	119.8	1.9333	119.4	1.9097
NOV	70	71	120.3	1.9146	123.6	1.9133	115.8	1.6788	121.0	1.9143	120.5	1.8916
DEC	70	71	120.3	1.9145	124.9	1.8935	116.7	1.6662	121.3	1.9097	120.9	1.8862
JAN	71	71	119.9	1.9211	124.7	1.8959	117.3	1.6588	121.0	1.9153	120.6	1.8903
FEB	71	71	119.6	1.9257	125.1	1.8904	117.1	1.6637	120.8	1.9176	120.5	1.8926
MAR	71	71	119.8	1.9228	125.7	1.8808	117.6	1.6540	121.1	1.9132	120.7	1.8880
APR	71	71	120.0	1.9193	125.8	1.8802	117.7	1.6523	121.3	1.9103	120.9	1.8852
MAY	71	71	121.2	1.9002	126.4	1.8711	117.4	1.6582	122.3	1.8937	121.9	1.8702
JUN	71	71	120.7	1.9080	126.5	1.8707	118.2	1.6449	122.4	1.8926	122.0	1.8686

JUL	71	72	120.6	1.[illegible]	126.7	1.8370	110.0	1.6464	122.4	1.6929	122.0	1.8693
AUG	71	72	121.2	1.[illegible]	128.9	1.8350	110.0	1.6480	122.9	1.8855	122.4	1.8626
SEP	71	72	121.6	1.[illegible]	129.6	1.8367	118.2	1.6457	123.2	1.8806	122.7	1.8580
OCT	71	72	122.1	1.[illegible]	129.2	1.8306	117.0	1.6621	123.6	1.8738	123.0	1.8537
NOV	71	72	122.7	1.[illegible]	127.5	1.8260	117.2	1.6589	124.2	1.8652	123.5	1.8457
DEC	71	72	123.2	1.[illegible]	130.4	1.8190	118.4	1.6429	124.8	1.8563	124.2	1.8360
JAN	72	72	122.6	1.[illegible]	130.1	1.8175	118.9	1.6352	124.3	1.8642	123.7	1.8422
FEB	72	72	125.6	1.[illegible]	131.0	1.8057	119.2	1.6309	126.6	1.8272	126.0	1.8086
MAR	72	72	126.8	1.[illegible]	131.5	1.7978	120.1	1.6190	127.9	1.8120	127.1	1.7938
APR	72	72	128.8	1.[illegible]	131.7	1.7953	119.7	1.6238	129.4	1.7901	128.5	1.7746
MAY	72	72	128.6	1.7907	132.5	1.7844	120.6	1.6125	129.5	1.7893	128.6	1.7727
JUN	72	72	128.6	1.7910	131.1	1.8459	121.1	1.6052	128.5	1.8032	127.8	1.7844
JUL	72	73	127.1	1.8126	128.6	1.8398	121.5	1.6009	127.4	1.8187	126.8	1.7978
AUG	72	73	129.6	1.7770	128.6	1.8391	121.4	1.6021	129.4	1.7907	128.6	1.7729
SEP	72	73	130.2	1.7695	129.0	1.8328	122.1	1.5923	129.9	1.7835	129.1	1.7654
OCT	72	73	131.0	1.7540	129.3	1.8293	122.1	1.5927	130.6	1.7737	129.8	1.7567
NOV	72	73	133.5	1.7247	129.7	1.8228	121.8	1.5965	132.7	1.7460	131.6	1.7321
DEC	72	73	134.9	1.7076	131.6	1.7978	123.0	1.5809	134.1	1.7273	133.0	1.7137
JAN	73	73	134.1	1.7181	130.9	1.8063	123.1	1.5797	133.4	1.7373	132.3	1.7227
FEB	73	73	134.9	1.7074	130.9	1.8066	122.8	1.5834	134.0	1.7290	132.9	1.7155
MAR	73	73	135.3	1.7020	132.6	1.7842	123.4	1.5755	134.7	1.7200	133.6	1.7066
APR	73	73	135.3	1.7025	132.7	1.7819	124.1	1.5669	134.7	1.7199	133.7	1.7057
MAY	73	73	136.3	1.6903	134.2	1.7619	124.2	1.5653	135.8	1.7060	134.7	1.6930
JUN	73	73	136.4	1.6879	135.2	1.7487	124.5	1.5612	136.2	1.7013	135.0	1.6884
JUL	73	74	136.2	1.6905	136.3	1.7356	125.2	1.5535	136.2	1.7005	135.1	1.6869
AUG	73	74	138.5	1.6623	136.5	1.7325	126.0	1.5427	138.1	1.6778	136.9	1.6653
SEP	73	74	139.1	1.6554	136.9	1.7277	126.6	1.5356	138.6	1.6712	137.4	1.6587
OCT	73	74	141.1	1.6329	137.3	1.7220	127.3	1.5277	140.2	1.6521	138.9	1.6407
NOV	73	74	141.7	1.6249	138.0	1.7143	127.9	1.5204	140.9	1.6443	139.6	1.6330
DEC	73	74	143.5	1.6052	140.9	1.6787	129.0	1.5071	142.9	1.6213	141.5	1.6109
JAN	74	74	144.5	1.5933	140.4	1.6844	128.9	1.5086	143.6	1.6131	142.2	1.6036
FEB	74	74	145.9	1.5786	141.4	1.6727	129.5	1.5011	144.9	1.5990	143.4	1.5902
MAR	74	74	147.2	1.5644	143.9	1.6430	130.4	1.4914	146.5	1.5816	144.9	1.5735
APR	74	74	148.0	1.5565	144.6	1.6357	131.0	1.4842	147.2	1.5738	145.6	1.5657
MAY	74	74	151.3	1.5223	154.1	1.5346	132.3	1.4697	151.9	1.5251	150.0	1.5202
JUN	74	74	152.3	1.5126	156.8	1.5086	134.3	1.4478	153.3	1.5117	151.4	1.5060
JUL	74	75	154.4	1.4913	160.0	1.4777	135.4	1.4358	155.7	1.4882	153.7	1.4836
AUG	74	75	157.3	1.4637	166.1	1.4236	135.4	1.4360	159.3	1.4544	156.9	1.4528
SEP	74	75	158.4	1.4541	167.8	1.4162	137.3	1.4165	160.3	1.4453	158.0	1.4428
OCT	74	75	161.3	1.4280	168.6	1.4020	137.6	1.4133	162.9	1.4222	160.4	1.4214
NOV	74	75	162.7	1.4156	169.3	1.3967	139.8	1.3905	164.2	1.4113	161.7	1.4095
DEC	74	75	163.5	1.4097	171.8	1.3769	141.9	1.3698	165.3	1.4014	163.0	1.3986
JAN	75	75	165.6	1.3910	177.3	1.3439	143.2	1.3577	168.2	1.3776	165.7	1.3759
FEB	75	75	166.0	1.3878	176.0	1.3434	144.0	1.3503	168.2	1.3774	165.8	1.3750
MAR	75	75	167.3	1.3767	176.7	1.3385	144.5	1.3460	169.4	1.3678	166.9	1.3659
APR	75	75	168.9	1.3637	177.0	1.3362	145.2	1.3388	170.7	1.3573	168.1	1.3557
MAY	75	75	170.4	1.3513	178.4	1.3257	145.6	1.3354	172.2	1.3454	169.6	1.3445
JUN	75	75	171.9	1.3395	177.5	1.3324	146.8	1.3245	173.2	1.3379	170.5	1.3367
JUL	75	76	172.6	1.3331	177.4	1.3328	147.9	1.3143	173.7	1.3338	171.1	1.3321
AUG	75	76	174.2	1.3218	178.1	1.3277	148.9	1.3235	175.1	1.3232	172.3	1.3232
SEP	75	76	175.1	1.3152	179.1	1.3203	149.6	1.3178	176.0	1.3163	173.2	1.3164
OCT	75	76	176.3	1.3060	179.5	1.3178	149.4	1.3190	177.0	1.3091	174.0	1.3099
NOV	75	76	177.8	1.2952	179.1	1.3205	149.5	1.3179	178.1	1.3009	175.0	1.3023
DEC	75	76	178.7	1.2891	181.6	1.3029	150.7	1.3075	179.3	1.2921	176.2	1.2934
JAN	76	76	179.1	1.2860	180.0	1.2973	150.[illegible]	1.2993	180.4	1.2842	177.3	1.2855
FEB	76	76	180.7	1.2744	181.3	1.2960	151.[illegible]	1.2905	181.7	1.2751	178.5	1.2772
MAR	76	76	181.8	1.2668	181.9	1.2973	152.7	1.2938	182.7	1.2680	179.4	1.2706
APR	76	76	181.2	1.2711	181.0	1.[illegible]	152.8	1.2982	181.8	1.2744	178.6	1.2764
MAY	76	76	182.9	1.[illegible]	183.[illegible]	1.2705	153.7	1.2904	183.6	1.2620	180.3	1.2643
JUN	76	76	183.0	1.[illegible]	[illegible]	1.[illegible]	153.7	1.2915	183.2	1.2602	180.5	1.2621

JUL	76	77	185.7	1.2435	189.5	1.2478	152.6	1.2745	186.5	1.2421	183.1	1.2448
AUG	76	77	185.6	1.2407	192.3	1.2300	153.2	1.2693	187.1	1.2382	183.7	1.2408
SEP	76	77	186.9	1.2324	190.0	1.2189	153.9	1.2637	188.5	1.2293	185.0	1.2322
OCT	76	77	187.2	1.2173	194.7	1.2149	154.9	1.2555	190.4	1.2169	186.8	1.2201
NOV	76	77	189.7	1.2139	195.3	1.2108	155.5	1.2503	191.0	1.2132	187.4	1.2163
DEC	76	77	190.6	1.2085	196.7	1.2022	158.5	1.2267	191.9	1.2070	188.6	1.2087
JAN	77	77	191.6	1.2013	198.6	1.1910	160.4	1.2124	193.2	1.1994	189.9	1.2005
FEB	77	77	192.3	1.1975	199.8	1.1839	159.9	1.2161	194.0	1.1942	190.6	1.1961
MAR	77	77	193.4	1.1907	202.7	1.1666	160.2	1.2139	195.5	1.1851	192.0	1.1875
APR	77	77	195.3	1.1792	202.7	1.1667	161.0	1.2080	197.0	1.1764	193.4	1.1790
MAY	77	77	196.7	1.1709	206.4	1.1460	162.1	1.1993	198.8	1.1652	195.2	1.1680
JUN	77	77	197.4	1.1668	208.5	1.1344	163.9	1.1862	199.9	1.1593	196.3	1.1615
JUL	77	77	198.9	1.1577	210.2	1.1254	164.7	1.1804	201.4	1.1502	197.8	1.1527
AUG	77	77	200.2	1.1503	210.3	1.1244	165.6	1.1739	202.5	1.1444	198.8	1.1468
SEP	77	77	201.2	1.1445	211.3	1.1194	167.9	1.1579	203.5	1.1387	199.9	1.1403
OCT	77	78	200.7	1.1475	212.7	1.1120	172.2	1.1290	203.4	1.1392	200.3	1.1384
NOV	77	78	202.7	1.1365	213.0	1.1104	173.3	1.1221	205.0	1.1304	201.8	1.1297
DEC	77	78	203.5	1.1319	215.3	1.0985	175.6	1.1075	206.1	1.1241	203.1	1.1227
JAN	78	78	205.3	1.1217	213.0	1.1105	178.2	1.0909	207.0	1.1191	204.1	1.1167
FEB	78	78	207.4	1.1102	215.8	1.0961	178.9	1.0868	209.3	1.1070	206.3	1.1052
MAR	78	78	208.4	1.1052	219.2	1.1041	179.6	1.0829	209.7	1.1050	206.7	1.1031
APR	78	78	210.0	1.0968	219.1	1.1047	179.7	1.0821	210.9	1.0986	207.8	1.0971
MAY	78	78	210.6	1.0937	215.2	1.0988	180.2	1.0790	211.6	1.0948	208.5	1.0934
JUN	78	78	211.4	1.0895	217.6	1.0867	181.6	1.0706	212.8	1.0889	209.7	1.0873
JUL	78	78	213.4	1.0793	220.0	1.0749	183.8	1.0581	214.9	1.0783	211.8	1.0765
AUG	78	78	216.3	1.0646	221.7	1.0668	184.0	1.0566	217.5	1.0651	214.2	1.0644
SEP	78	78	217.3	1.0601	223.1	1.0600	186.4	1.0429	218.6	1.0600	215.4	1.0586
OCT	78	79	221.0	1.0420	223.4	1.0584	186.8	1.0407	221.6	1.0457	218.1	1.0453
NOV	78	79	223.4	1.0308	223.3	1.0592	187.9	1.0348	223.4	1.0371	219.9	1.0369
DEC	78	79	225.0	1.0237	228.4	1.0353	191.1	1.0174	225.7	1.0263	222.3	1.0256
JAN	79	79	227.5	1.0124	228.4	1.0356	191.5	1.0151	227.7	1.0176	224.1	1.0174
FEB	79	79	227.8	1.0112	229.7	1.0290	192.7	1.0092	228.2	1.0154	224.6	1.0149
MAR	79	79	228.5	1.0081	231.4	1.0220	193.1	1.0068	229.1	1.0113	225.5	1.0109
APR	79	79	229.6	1.0031	233.7	1.0121	193.1	1.0067	230.5	1.0052	226.8	1.0053
MAY	79	79	233.1	0.9881	241.1	0.9807	194.7	0.9985	234.9	0.9864	230.9	0.9874
JUN	79	79	233.9	0.9846	245.0	0.9652	197.2	0.9859	236.4	0.9802	232.5	0.9807
JUL	79	79	236.3	0.9745	249.1	0.9493	199.1	0.9766	239.2	0.9687	235.2	0.9694
AUG	79	79	237.4	0.9703	251.3	0.9411	201.4	0.9655	240.5	0.9635	236.6	0.9637
SEP	79	79	240.3	0.9583	253.1	0.9344	204.5	0.9509	243.2	0.9527	239.3	0.9526

HISTORICAL INFLATION
QUARTERLY INDICES

QTR	CY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY79=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY79=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY79=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79=1.0000
3	67	100.1	2.3093	99.9	2.3666	100.3	1.9389	100.1	2.3154	100.1	2.2777
4	67	102.9	2.2590	102.5	2.3967	101.2	1.9214	102.1	2.2689	102.0	2.2344
1	68	102.5	[illegible]	103.7	2.2892	103.0	1.8972	102.8	2.2538	102.8	2.2170
2	68	102.4	2.2501	103.8	2.2779	103.5	1.8787	102.7	2.2564	102.8	2.2183
3	68	103.[illegible]	2.2139	105.0	2.2520	104.6	1.8595	104.1	2.2265	104.1	2.1896
4	69	107.0	2.1532	106.2	2.2275	105.8	1.8306	106.8	2.1696	106.7	2.1368
1	69	10[illegible].4	2.1296	10[illegible].1	2.1874	106.9	1.8193	108.4	2.1301	108.2	2.1066
2	69	109.3	2.1975	109.2	2.1650	107.6	1.8070	109.3	2.1203	109.1	2.0894
3	69	110.3	2.0386	110.8	2.1352	108.3	1.7867	110.4	2.0990	110.2	2.0681
4	69	113.6	2.0282	116.8	2.0256	109.7	1.7718	114.3	2.0276	113.8	2.0030
1	70	115.0	2.0028	120.5	1.9631	111.1	1.7499	116.2	1.9936	115.7	1.9702
2	70	115.7	1.9314	121.1	1.9530	112.7	1.7259	116.9	1.9826	116.4	1.9577
3	70	117.6	1.9578	122.1	1.9363	114.4	1.6991	118.6	1.9529	118.2	1.9283
4	70	119.9	1.9217	123.8	1.9101	115.9	1.6780	120.7	1.9190	120.2	1.8958
1	71	119.8	1.9233	125.2	1.8890	117.3	1.6573	121.0	1.9154	120.6	1.8903
2	71	120.4	1.9034	126.9	1.8638	117.9	1.6492	122.0	1.8989	121.6	1.8746
3	71	121.1	1.9015	128.8	1.8362	118.0	1.6474	122.8	1.8863	122.3	1.8633
4	71	122.7	1.8777	129.7	1.8235	117.5	1.6546	124.2	1.8651	123.6	1.8451
1	72	125.0	1.8424	130.9	1.8070	119.4	1.6284	126.3	1.8342	125.6	1.8146
2	72	128.7	1.7401	139.8	1.8061	120.5	1.6138	129.1	1.7941	128.3	1.7772
3	72	128.9	1.7852	128.7	1.8372	121.6	1.5984	128.9	1.7975	128.2	1.7786
4	72	133.1	1.7299	130.2	1.8165	122.3	1.5900	132.5	1.7488	131.5	1.7340
1	73	134.8	1.7091	131.5	1.7990	123.1	1.5795	134.0	1.7287	132.9	1.7149
2	73	136.0	1.6935	134.1	1.7641	124.4	1.5645	135.6	1.7090	134.4	1.6957
3	73	138.0	1.6593	136.6	1.7320	125.9	1.5439	137.7	1.6831	136.5	1.6702
4	73	142.1	1.6205	138.7	1.7058	128.1	1.5183	141.3	1.6391	140.0	1.6281
1	74	145.3	1.5757	141.9	1.6665	129.6	1.5004	145.0	1.5978	143.5	1.5890
2	74	150.5	1.5303	151.8	1.5577	132.5	1.4671	150.6	1.5364	149.0	1.5302
3	74	156.7	1.4695	164.4	1.4307	136.0	1.4293	158.4	1.4624	156.2	1.4595
4	74	162.5	1.4179	169.9	1.3921	139.0	1.3910	164.1	1.4116	161.7	1.4098
1	75	166.3	1.3851	176.7	1.3366	143.9	1.3513	168.6	1.3742	166.1	1.3722
2	75	170.4	1.3519	177.6	1.3310	145.9	1.3320	172.0	1.3468	169.4	1.3456
3	75	174.0	1.3237	178.2	1.3269	147.5	1.3184	174.9	1.3244	172.2	1.3239
4	75	177.6	1.2965	180.1	1.3135	147.9	1.3148	178.1	1.3007	175.1	1.3019
1	76	180.5	1.2753	1[illegible].4	1.2757	149.6	1.2996	181.6	1.2758	178.4	1.2778
2	76	182.3	1.2631	1[illegible].7	1.2738	150.7	1.2961	183.1	1.2655	179.8	1.2676
3	76	18[illegible].1	1.2376	1[illegible].0	1.2321	153.2	1.2692	187.4	1.2365	184.0	1.2392
4	76	189.8	1.2135	19[illegible].6	1.2093	156.3	1.2440	191.1	1.2129	187.6	1.2150
1	77	192.5	1.1757	200.4	1.1802	160.2	1.2141	195.2	1.1929	190.8	1.1947
2	77	195.5	1.1724	20[illegible].9	1.1569	162.3	1.1976	198.6	1.1669	194.9	1.1695
3	77	200.1	1.1509	219.6	1.1231	168.1	1.1706	202.5	1.1444	198.8	1.1466
4	77	202.3	1.135[illegible]	213.7	1.1069	173.7	1.1195	206.8	1.1312	201.7	1.1302
1	78	207.1	1.1123	219.3	1.1036	178.9	1.0869	209.7	1.1103	205.7	1.1083
2	78	210.7	1.0953	21[illegible].7	1.0967	180.5	1.0772	211.8	1.0941	208.6	1.0926
3	78	215.7	1.0673	2[illegible]	1.0672	184.7	1.0525	217.0	1.0670	213.8	1.0664
4	78	223.1	1.0[illegible]1	[illegible].1	1.0[illegible]	188.[illegible]	1.0303	223.[illegible]	1.0363	220.1	1.0358
1	79	227.[illegible]	[illegible]	[illegible]	1.0[illegible]	[illegible]	1.0138	228.3	1.0147	224.7	1.0144
2	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.9971	233.[illegible]	0.9[illegible]	231.0	0.9910

HISTORICAL INFLATION
FISCAL YEAR INDICES

FY	AIRFRAME PRODUCTION INDEX CY67=	AIRFRAME PRODUCTION FACTOR FY79=	ENGINE PRODUCTION INDEX CY67=	ENGINE PRODUCTION FACTOR FY79=	AVIONICS PRODUCTION INDEX CY67=	AVIONICS PRODUCTION FACTOR FY79=	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79=	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79=
67	100.0	2.3636	100.0	2.3073	100.0	1.9062	100.0	2.2734	100.0	2.2366
68	107.1	2.2071	107.1	2.2076	106.2	1.8309	107.1	2.1629	107.0	2.1299
69	113.6	2.0871	117.3	2.0167	110.6	1.7583	114.4	2.0247	114.0	1.9989
70	119.5	1.9879	124.5	1.8994	116.4	1.6707	120.6	1.9213	120.2	1.8971
71	124.9	1.9020	130.0	1.8186	118.9	1.6359	125.6	1.8443	124.9	1.8245
72	133.2	1.7223	131.1	1.8038	122.8	1.5830	132.7	1.7454	131.8	1.7303
73	144.1	1.5921	143.3	1.6625	129.0	1.5069	143.7	1.6123	142.2	1.6027
74	164.0	1.4045	172.1	1.3738	141.4	1.3751	165.8	1.3974	163.4	1.3955
75	178.6	1.2905	182.3	1.2971	148.9	1.3056	179.4	1.2912	176.4	1.2924
76	186.1	1.2378	192.0	1.2321	153.2	1.2692	187.4	1.2365	184.0	1.2392
77	194.7	1.1829	203.1	1.1645	161.2	1.2061	196.6	1.1786	193.0	1.1809
78	208.9	1.1024	216.3	1.0934	179.5	1.0835	210.6	1.1004	207.4	1.0989
79	230.3	1.0000	236.5	1.0000	194.4	1.0000	231.7	1.0000	228.0	1.0000

APPENDIX G

ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM - - RAW MATERIAL PORTION ONLY

ANNUAL CALENDAR YEAR DATA

MATERIALS ONLY

	1	2	3												LABOR RATE DATA (15)	(16)	(17)	(18)
47	70.5	54.9	0.0															
48	72.8	62.5	0.0															
49	70.5	63.0	0.0															
50	95.9	66.3	0.0															
51	100.9	73.8	0.0															
52	95.5	73.9	0.0															
53	93.1	76.5	0.0															
54	90.9	76.9	0.0															
55	100.9	82.1	0.0															
56	105.5	89.2	0.0															
57	103.4	91.8	0.0															
58	103.30	93.10	125.70	95.20	93.20	96.70	100.00	107.60	107.60	107.60	74.10	70.50	149.30	99.90	0.0	0.0	0.0	0.0
59	102.90	90.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	80.60	70.50	122.40	99.50	0.0	0.0	0.0	0.0
60	104.10	90.70	120.20	95.60	95.80	35.20	100.00	110.80	110.80	110.80	81.70	87.20	117.90	98.20	0.0	0.0	0.0	0.0
61	93.20	90.70	110.60	97.80	97.00	77.60	100.00	111.30	111.30	111.30	75.00	89.40	108.10	98.20	0.0	0.0	0.0	0.0
62	96.30	90.70	115.40	97.00	97.00	68.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	0.0	0.0	0.0	0.0
63	96.90	93.90	107.00	97.00	97.60	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	0.0	0.0	0.0	0.0
64	95.50	90.00	99.90	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	0.0	0.0	0.0	0.0
65	95.40	93.00	91.40	96.10	96.10	114.30	100.00	99.40	99.40	99.40	88.10	90.00	98.00	95.10	0.0	0.0	0.0	0.0
66	97.00	90.80	91.60	93.00	97.30	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	0.0	0.0	0.0	0.0
67	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.0	0.0	0.0	0.0
68	105.40	109.70	103.10	105.70	102.00	94.60	100.00	102.40	95.80	102.40	107.30	105.20	99.30	99.20	0.0	0.0	0.0	0.0
69	108.50	109.50	112.50	113.90	108.10	106.50	100.00	109.70	91.00	112.00	119.20	112.20	98.00	100.70	0.0	0.0	0.0	0.0
70	104.30	112.40	130.90	119.50	117.10	112.10	100.00	110.60	93.40	120.60	130.60	132.10	95.50	101.00	0.0	0.0	0.0	0.0
71	107.10	123.40	135.00	125.50	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.90	102.40	0.0	0.0	0.0	0.0
72	109.30	133.60	126.40	129.60	130.50	109.60	103.60	108.80	93.50	123.20	124.30	140.40	107.00	103.40	0.0	0.0	0.0	0.0
73	112.40	135.30	122.10	132.20	136.90	117.00	106.40	105.20	93.40	125.10	141.70	148.20	109.20	104.40	0.0	0.0	0.0	0.0
74	135.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	126.00	150.90	182.70	173.50	132.50	111.40	0.0	0.0	0.0	0.0
75	150.20	182.30	165.30	196.80	191.20	154.00	228.10	152.60	145.40	167.00	149.90	219.60	168.80	115.50	0.0	0.0	0.0	0.0
76	157.20	205.00	168.00	210.30	215.20	163.80	249.00	175.30	153.50	182.90	163.90	241.50	171.80	115.80	0.0	0.0	0.0	0.0
77	167.60	230.00	197.10	234.40	235.90	213.30	270.60	200.80	163.50	211.50	166.40	259.10	170.20	119.50	0.0	0.0	0.0	0.0
78	174.30	255.90	197.80	257.30	264.50	240.90	279.10	235.50	174.20	231.10	171.60	265.40	173.10	126.90	0.0	0.0	0.0	0.0
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(14)	(13)				

MATERIAL COST DATA

APPENDIX H

Monthly Data for The Historical Inflation Program - - Raw Material Portion Only

MONTHLY DATA FOR MATERIALS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	LABOR 15	16	17	18	
	007X	130362	150.50	150191	150153	220111	220151	250101	250115	250117	1025G2	2505G3	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STEELS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	3674.9	3721	3722	3725.9	FY
67JUL	98.60	100.00	93.10	100.00	99.96	100.00	100.00	100.10	100.10	100.10	95.70	98.90	100.00	99.80	0.0	0.0	0.0	0.0	68
67AUG	100.00	100.00	97.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.60	98.90	100.00	99.70	0.0	0.0	0.0	0.0	68
67SEP	101.30	100.00	99.10	100.00	100.20	100.00	100.00	100.10	100.10	100.10	98.40	98.90	100.00	99.50	0.0	0.0	0.0	0.0	68
67OCT	101.90	100.00	101.60	100.00	100.20	100.00	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	0.0	0.0	0.0	0.0	68
67NOV	102.40	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	0.0	0.0	0.0	0.0	68
67DEC	102.30	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	107.50	103.20	100.00	99.90	0.0	0.0	0.0	0.0	68
68JAN	102.40	103.40	103.20	102.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	0.0	0.0	0.0	0.0	68
68FEB	102.50	103.40	103.20	103.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	0.0	0.0	0.0	0.0	68
68MAR	104.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	120.00	105.40	100.00	99.10	0.0	0.0	0.0	0.0	68
68APR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	0.0	0.0	0.0	0.0	68
68MAY	102.70	103.40	103.20	104.00	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	0.0	0.0	0.0	0.0	68
68JUN	103.00	103.40	103.20	105.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	0.0	0.0	0.0	0.0	68
68JUL	103.50	103.40	103.20	105.30	101.40	92.90	100.00	104.20	101.60	104.50	99.50	105.40	99.20	99.00	0.0	0.0	0.0	0.0	69
68AUG	104.00	103.40	104.10	106.80	101.40	89.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	0.0	0.0	0.0	0.0	69
68SEP	104.00	107.20	103.50	108.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	0.0	0.0	0.0	0.0	69
68OCT	104.20	107.20	103.40	108.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	0.0	0.0	0.0	0.0	69
68NOV	104.40	107.20	102.20	108.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	0.0	0.0	0.0	0.0	69
68DEC	104.40	107.20	102.20	108.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	0.0	0.0	0.0	0.0	69
69JAN	103.20	107.20	105.40	109.50	105.60	96.50	100.00	104.20	86.20	104.50	109.30	110.50	99.20	98.90	0.0	0.0	0.0	0.0	69
69FEB	103.40	107.20	105.40	109.50	105.60	100.00	100.00	103.30	90.50	108.90	109.20	110.50	99.20	100.20	0.0	0.0	0.0	0.0	69
69MAR	104.10	107.20	105.40	110.50	105.60	100.00	100.00	103.30	90.50	109.40	110.40	110.50	99.20	100.40	0.0	0.0	0.0	0.0	69
69APR	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.80	110.70	113.00	110.50	99.20	100.60	0.0	0.0	0.0	0.0	69
69MAY	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.80	112.00	116.10	110.50	99.20	100.60	0.0	0.0	0.0	0.0	69
69JUN	104.30	107.20	110.60	113.60	107.80	107.10	100.00	110.50	89.80	112.30	116.50	110.50	99.20	100.60	0.0	0.0	0.0	0.0	69
69JUL	105.70	107.20	110.60	113.60	108.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	0.0	0.0	0.0	0.0	70
69AUG	106.10	112.90	110.60	115.30	108.70	110.70	100.00	110.50	91.00	112.60	123.20	110.50	99.20	100.60	0.0	0.0	0.0	0.0	70
69SEP	105.80	112.90	110.60	116.30	109.10	110.70	100.00	110.50	93.40	112.30	127.00	110.50	95.50	101.20	0.0	0.0	0.0	0.0	70
69OCT	106.60	112.90	126.80	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.80	110.50	95.50	101.40	0.0	0.0	0.0	0.0	70
69NOV	107.50	112.90	126.80	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.50	95.50	101.70	0.0	0.0	0.0	0.0	70
69DEC	107.50	112.90	126.80	116.30	113.50	114.30	100.00	110.50	93.40	117.80	131.00	130.90	95.50	101.40	0.0	0.0	0.0	0.0	70
70JAN	107.80	107.50	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	0.0	0.0	0.0	0.0	70
70FEB	107.70	113.10	130.90	117.90	114.90	117.90	100.00	110.60	93.40	117.80	135.00	130.90	95.50	100.20	0.0	0.0	0.0	0.0	70
70MAR	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.00	130.90	95.50	100.20	0.0	0.0	0.0	0.0	70
70APR	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	135.10	130.90	95.50	100.60	0.0	0.0	0.0	0.0	70
70MAY	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	136.70	130.90	95.50	99.80	0.0	0.0	0.0	0.0	70
70JUN	107.10	119.40	130.90	117.90	117.30	117.90	100.00	110.60	93.40	121.70	136.70	130.90	95.50	101.20	0.0	0.0	0.0	0.0	70
70JUL	108.50	119.40	130.90	120.40	118.40	118.40	100.00	110.60	93.40	121.70	133.20	130.90	95.50	101.20	0.0	0.0	0.0	0.0	71
70AUG	109.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	0.0	0.0	0.0	0.0	71
70SEP	109.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	129.60	133.10	95.50	101.50	0.0	0.0	0.0	0.0	71
70OCT	109.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.90	133.10	95.50	101.50	0.0	0.0	0.0	0.0	71
70NOV	109.00	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.10	136.00	95.50	101.90	0.0	0.0	0.0	0.0	71
70DEC	109.20	119.40	130.90	121.60	117.30	105.40	100.00	110.60	93.50	121.90	118.80	136.00	95.50	101.30	0.0	0.0	0.0	0.0	71
71JAN	108.30	119.40	130.80	122.50	119.90	95.40	103.60	110.60	93.40	121.50	115.20	136.00	100.00	102.80	0.0	0.0	0.0	0.0	71
71FEB	109.00	119.40	130.90	122.50	119.80	95.40	103.60	108.60	93.40	121.50	113.20	136.00	100.30	103.30	0.0	0.0	0.0	0.0	71
71MAR	109.00	119.40	130.90	122.60	119.40	95.40	103.60	108.60	93.40	121.50	112.60	140.40	101.70	103.70	0.0	0.0	0.0	0.0	71
71APR	108.80	119.40	130.90	125.20	119.40	95.40	103.60	108.60	93.40	121.50	120.50	140.40	103.70	103.10	0.0	0.0	0.0	0.0	71
71MAY	108.60	119.40	130.90	125.20	121.70	95.40	103.60	108.60	93.40	121.50	124.00	140.40	103.70	102.70	0.0	0.0	0.0	0.0	71
71JUN	108.50	119.40	130.90	125.20	120.50	95.40	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.00	0.0	0.0	0.0	0.0	71
71JUL	109.40	127.40	130.11	125.20	120.50	101.50	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.10	0.0	0.0	0.0	0.0	72
71AUG	109.40	127.40	130.11	125.20	120.50	101.50	103.60	108.60	93.40	121.50	120.00	140.40	103.70	103.20	0.0	0.0	0.0	0.0	72
71SEP	109.50	127.40	130.11	125.20	120.50	101.50	103.60	108.60	93.40	121.50	119.50	140.40	103.70	102.80	0.0	0.0	0.0	0.0	72

H2

MONTHLY DATA FOR MATERIALS ONLY

CYZ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	LABOR 15	16	17	18	
	[illegible]	130[illegible]	130[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250113	250117	102902	250623	250[illegible]	1176[illegible]	ELECT	ACFT	ENG	OTHER	
	[illegible]	CR STL	SERVS	CAST	ELECT	LEAD	PACKS	ALUM	SC,STK	EXTRU	CPZBES	MONEL	TI,MIL	ELECT	3674,9	3721	3722	3723,9	FY
71OCT	105.40	127.90	135.10	126.90	127.90	101.80	100.80	103.60	93.40	121.50	119.50	140.40	103.70	102.80	0.0	0.0	0.0	0.0	72
71NOV	104.50	127.90	134.10	126.90	127.90	101.80	100.80	103.60	93.40	120.90	119.10	140.40	103.70	102.60	0.0	0.0	0.0	0.0	72
71DEC	104.50	127.90	137.10	126.90	127.90	101.10	100.80	103.60	93.40	120.90	117.70	140.40	103.70	102.50	0.0	0.0	0.0	0.0	72
72JAN	104.50	129.10	137.10	127.60	127.60	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	0.0	0.0	0.0	0.0	72
72FEB	104.20	139.50	137.10	127.60	127.00	103.60	103.60	105.60	93.40	121.60	121.60	140.40	106.80	103.40	0.0	0.0	0.0	0.0	72
72MAR	104.90	139.50	138.10	127.60	127.70	110.70	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	0.0	0.0	0.0	0.0	72
72APR	108.70	139.50	136.10	127.80	127.70	110.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	0.0	0.0	0.0	0.0	72
72MAY	108.60	139.50	139.10	127.80	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	0.0	0.0	0.0	0.0	72
72JUN	108.90	139.50	139.90	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	0.0	0.0	0.0	0.0	72
72JUL	108.20	139.50	139.90	127.80	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	0.0	0.0	0.0	0.0	73
72AUG	109.50	139.50	137.50	130.20	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	0.0	0.0	0.0	0.0	73
72SEP	109.50	139.50	137.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	0.0	0.0	0.0	0.0	73
72OCT	109.50	139.50	137.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	0.0	0.0	0.0	0.0	73
72NOV	109.50	139.50	137.50	130.90	131.30	108.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	0.0	0.0	0.0	0.0	73
72DEC	109.50	139.50	137.50	130.90	132.00	108.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	0.0	0.0	0.0	0.0	73
73JAN	110.00	139.50	137.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	0.0	0.0	0.0	0.0	73
73FEB	110.10	139.50	137.50	130.90	132.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	0.0	0.0	0.0	0.0	73
73MAR	110.50	139.50	137.50	130.90	139.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	0.0	0.0	0.0	0.0	73
73APR	110.90	139.50	137.50	132.30	139.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	0.0	0.0	0.0	0.0	73
73MAY	111.50	139.50	123.40	132.30	133.00	116.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	0.0	0.0	0.0	0.0	73
73JUN	112.60	139.50	129.50	132.30	134.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	0.0	0.0	0.0	0.0	73
73JUL	112.90	139.50	129.50	132.30	134.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	0.0	0.0	0.0	0.0	74
73AUG	113.10	139.50	129.50	133.00	134.20	117.90	106.40	104.40	93.40	125.20	140.80	149.80	109.00	104.60	0.0	0.0	0.0	0.0	74
73SEP	112.60	139.50	129.50	133.00	136.20	117.90	106.40	105.60	93.40	125.20	143.50	149.80	111.10	104.60	0.0	0.0	0.0	0.0	74
73OCT	114.00	137.50	129.50	133.00	136.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	0.0	0.0	0.0	0.0	74
73NOV	114.00	137.50	129.60	133.00	138.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	0.0	0.0	0.0	0.0	74
73DEC	116.50	137.50	129.60	133.00	138.90	132.10	106.40	109.40	93.40	126.90	160.40	149.80	114.70	105.70	0.0	0.0	0.0	0.0	74
74JAN	117.70	137.50	126.80	142.60	142.20	135.70	116.80	117.80	102.00	130.20	165.20	149.80	114.70	106.20	0.0	0.0	0.0	0.0	74
74FEB	119.80	137.50	126.60	143.50	142.50	135.70	116.80	117.80	102.00	134.00	165.40	149.80	114.70	106.40	0.0	0.0	0.0	0.0	74
74MAR	123.80	142.00	136.90	143.50	144.80	135.70	123.75	117.30	108.90	136.10	178.30	149.80	121.80	107.20	0.0	0.0	0.0	0.0	74
74APR	124.80	146.60	140.10	143.50	145.20	144.60	130.70	125.00	116.40	144.50	189.00	149.80	121.80	108.30	0.0	0.0	0.0	0.0	74
74MAY	135.70	155.80	153.60	161.00	152.20	153.60	153.00	127.10	116.40	146.20	200.30	175.30	123.10	109.60	0.0	0.0	0.0	0.0	74
74JUN	135.60	165.40	159.60	162.50	162.40	153.60	155.00	132.30	123.20	150.40	203.70	175.30	124.30	111.30	0.0	0.0	0.0	0.0	74
74JUL	139.50	182.30	165.90	163.80	167.30	175.00	180.80	144.30	132.20	152.20	198.70	175.30	137.50	112.10	0.0	0.0	0.0	0.0	75
74AUG	141.90	188.50	175.10	179.70	161.10	175.00	219.70	151.00	140.40	163.80	188.90	191.30	137.50	113.90	0.0	0.0	0.0	0.0	75
74SEP	145.60	188.50	174.90	182.50	167.10	175.00	208.60	151.00	140.40	163.80	184.50	191.30	139.00	113.30	0.0	0.0	0.0	0.0	75
74OCT	147.50	188.50	174.90	182.50	182.90	175.00	208.60	151.00	142.20	163.80	181.60	191.30	151.70	114.30	0.0	0.0	0.0	0.0	75
74NOV	148.50	188.50	174.90	182.50	182.90	175.00	208.60	151.00	144.10	162.80	172.70	191.30	151.70	116.80	0.0	0.0	0.0	0.0	75
74DEC	149.40	188.50	174.90	182.50	182.90	175.00	208.60	151.00	144.10	162.80	163.50	191.30	151.70	117.00	0.0	0.0	0.0	0.0	75
75JAN	149.50	189.10	174.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	159.10	219.60	163.40	117.30	0.0	0.0	0.0	0.0	75
75FEB	150.00	189.10	174.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	156.60	219.60	163.40	117.00	0.0	0.0	0.0	0.0	75
75MAR	149.70	189.10	174.90	182.50	182.90	175.00	228.10	151.00	144.10	165.20	148.80	219.60	162.20	116.60	0.0	0.0	0.0	0.0	75
75APR	149.80	189.10	174.90	182.50	182.90	175.00	228.10	151.00	144.10	165.20	150.90	219.60	164.60	116.30	0.0	0.0	0.0	0.0	75
75MAY	148.90	185.00	174.90	182.50	182.90	163.90	228.10	151.00	144.10	165.00	148.00	219.60	170.80	115.60	0.0	0.0	0.0	0.0	75
75JUN	149.60	185.00	174.90	182.50	182.90	175.00	228.10	151.00	144.10	165.50	147.90	219.60	170.80	115.70	0.0	0.0	0.0	0.0	75
75JUL	150.10	184.90	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
75AUG	150.00	184.90	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
75SEP	150.90	184.90	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
75OCT	151.50	197.00	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
75NOV	151.50	197.00	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
75DEC	151.50	197.00	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
76JAN	151.50	197.00	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76
76FEB	151.50	197.00	174.90	201.10	182.90	175.00	228.10	151.00	144.10	165.50	143.90	219.60	171.80	115.60	0.0	0.0	0.0	0.0	76

H 3

MONTHLY DATA FOR MATERIALS ONLY

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	0023	130.60	150.50	150181	150153	220111	270151	250101	250113	250117	102502	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	OR SIL	STEELS	(AS)		FORGE	LEAD	MAGNES	ALUMN	SC.STR	EXTRD	CP/BRS	MONEL	TI.MIL	EFECT	3674.9	3721	3722	3723.9	FY
76JAN	192.30	197.00	162.30	214.80	198.40	135.70	242.00	157.20	147.20	169.80	149.20	241.50	171.80	114.50	0.0	0.0	0.0	0.0	76
76FEB	194.20	197.00	162.30	214.80	198.40	135.70	242.00	158.80	147.20	169.80	150.10	241.50	171.80	114.90	0.0	0.0	0.0	0.0	76
76MAR	195.50	197.00	162.60	214.80	210.80	135.70	242.00	163.50	147.20	169.80	152.10	241.50	171.80	114.70	0.0	0.0	0.0	0.0	76
76APR	196.70	197.00	162.30	214.80	210.20	150.00	242.00	163.50	147.20	169.80	163.20	241.50	171.80	114.90	0.0	0.0	0.0	0.0	76
76MAY	197.10	197.00	162.30	214.80	210.20	162.50	242.00	169.30	154.60	175.30	166.70	241.50	171.80	115.00	0.0	0.0	0.0	0.0	76
76JUN	197.20	209.10	162.30	214.40	219.20	164.30	242.00	175.90	154.60	180.40	166.70	241.50	171.80	115.40	0.0	0.0	0.0	0.0	76
76JUL	198.20	209.10	162.30	214.50	219.50	176.80	255.90	175.90	154.60	180.70	168.80	241.50	171.80	115.40	0.0	0.0	0.0	0.0	77
76AUG	161.00	209.10	172.40	214.40	220.60	176.80	255.90	173.80	154.60	186.90	171.40	241.50	171.80	115.50	0.0	0.0	0.0	0.0	77
76SEP	163.60	209.10	172.30	214.40	220.60	176.80	255.90	190.30	158.80	197.50	172.40	241.50	171.80	115.80	0.0	0.0	0.0	0.0	77
76OCT	164.50	209.10	176.30	214.40	220.60	183.90	255.90	190.30	158.80	197.50	174.70	241.50	171.80	116.20	0.0	0.0	0.0	0.0	77
76NOV	166.50	209.10	176.30	214.40	220.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.40	0.0	0.0	0.0	0.0	77
76DEC	166.60	220.00	176.30	214.40	229.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	116.60	0.0	0.0	0.0	0.0	77
77JAN	166.50	222.60	185.90	214.40	231.80	189.30	255.90	190.30	158.80	197.50	159.00	241.50	171.80	117.90	0.0	0.0	0.0	0.0	77
77FEB	168.00	222.60	196.60	230.40	231.80	207.10	267.00	190.30	158.80	197.50	160.40	241.50	171.80	118.20	0.0	0.0	0.0	0.0	77
77MAR	168.30	222.60	196.50	230.40	231.80	221.40	267.00	190.30	158.80	197.50	167.40	262.60	171.80	118.20	0.0	0.0	0.0	0.0	77
77APR	165.90	222.60	196.50	233.40	231.80	221.40	267.00	196.00	161.50	208.70	175.30	262.60	171.80	118.80	0.0	0.0	0.0	0.0	77
77MAY	166.40	222.60	200.10	235.70	231.80	221.40	267.00	199.80	158.80	208.70	175.30	262.60	169.80	118.80	0.0	0.0	0.0	0.0	77
77JUN	167.40	222.60	203.40	235.70	231.80	221.40	267.00	199.80	158.80	209.30	172.90	262.60	169.80	118.90	0.0	0.0	0.0	0.0	77
77JUL	169.40	237.40	205.60	235.70	234.20	221.40	275.40	203.70	167.80	218.30	173.10	262.60	169.80	118.70	0.0	0.0	0.0	0.0	77
77AUG	169.10	237.40	205.60	239.40	234.20	221.40	275.40	204.60	167.80	220.20	170.20	262.60	170.00	118.80	0.0	0.0	0.0	0.0	77
77SEP	169.60	237.40	202.70	239.40	240.10	221.40	275.40	204.60	167.80	220.20	163.10	262.60	168.80	120.50	0.0	0.0	0.0	0.0	77
77OCT	170.20	237.40	202.70	241.20	240.10	221.40	275.40	206.00	167.80	220.20	158.60	262.60	169.10	121.10	0.0	0.0	0.0	0.0	78
77NOV	170.70	237.40	200.30	241.20	245.90	220.60	275.40	211.80	167.80	220.20	160.60	262.60	168.70	121.70	0.0	0.0	0.0	0.0	78
77DEC	170.60	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.80	220.20	161.20	262.60	168.70	121.50	0.0	0.0	0.0	0.0	78
78JAN	170.20	237.40	199.00	241.90	245.90	235.70	275.40	211.80	167.80	223.80	164.80	262.60	168.70	124.40	0.0	0.0	0.0	0.0	78
78FEB	170.70	250.80	199.00	241.90	245.90	235.70	275.40	217.00	167.80	225.20	166.80	262.60	169.30	124.70	0.0	0.0	0.0	0.0	78
78MAR	171.40	250.80	192.90	241.90	257.70	235.70	275.40	229.50	170.40	229.30	167.00	262.60	170.10	125.80	0.0	0.0	0.0	0.0	78
78APR	172.80	254.10	190.50	260.00	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	0.0	0.0	0.0	0.0	78
78MAY	173.90	254.50	192.70	260.00	263.70	220.60	280.90	228.50	173.10	230.60	169.10	262.60	172.20	126.00	0.0	0.0	0.0	0.0	78
78JUN	174.50	254.50	196.70	260.00	263.90	221.40	280.90	228.50	173.10	232.00	171.30	262.60	174.20	126.80	0.0	0.0	0.0	0.0	78
78JUL	174.90	254.50	202.00	260.00	263.90	221.40	280.90	235.20	173.10	232.00	169.70	262.60	174.20	127.10	0.0	0.0	0.0	0.0	78
78AUG	175.70	262.90	204.50	260.60	273.00	263.90	280.90	245.20	178.90	232.00	172.50	262.60	175.70	127.00	0.0	0.0	0.0	0.0	78
78SEP	176.70	262.90	203.30	263.90	275.00	235.70	280.90	245.20	178.90	232.00	173.80	262.60	175.60	127.20	0.0	0.0	0.0	0.0	78
78OCT	178.10	262.90	200.90	264.60	275.60	264.50	280.90	245.20	177.30	232.00	177.10	262.60	175.70	128.50	0.0	0.0	0.0	0.0	79
78NOV	179.40	262.90	200.90	265.00	275.60	271.40	280.90	245.20	177.30	236.10	178.20	262.60	176.00	130.00	0.0	0.0	0.0	0.0	79
78DEC	179.70	262.70	200.90	264.20	275.60	271.40	280.90	248.20	179.70	237.30	180.90	272.00	175.20	130.00	0.0	0.0	0.0	0.0	79
79JAN	180.40	275.70	206.30	268.90	283.10	285.70	280.90	245.20	185.00	240.40	187.90	272.00	176.40	130.40	0.0	0.0	0.0	0.0	79
79FEB	183.20	275.70	207.90	275.00	283.80	314.30	293.50	245.20	185.00	241.40	202.00	272.00	177.00	131.20	0.0	0.0	0.0	0.0	79
79MAR	185.90	275.70	209.30	283.00	287.90	329.60	293.50	245.20	185.00	242.40	213.60	277.90	180.30	131.70	0.0	0.0	0.0	0.0	79
79APR	188.00	275.70	212.70	284.10	287.90	342.90	293.50	245.20	187.30	250.20	222.10	289.50	204.30	132.70	0.0	0.0	0.0	0.0	79
79MAY	190.40	275.70	218.50	289.70	287.30	342.30	293.50	245.20	192.10	251.60	218.20	307.70	209.80	133.10	0.0	0.0	0.0	0.0	79
79JUN	193.10	275.70	213.10	289.70	287.30	403.60	293.50	245.20	192.10	251.60	215.30	328.00	210.80	134.50	0.0	0.0	0.0	0.0	79
79JUL	195.50	287.40	223.30	291.20	287.30	428.60	293.50	245.20	192.10	256.40	214.20	336.70	210.20	135.80	0.0	0.0	0.0	0.0	79
79AUG	197.90	289.00	225.70	292.40	290.60	414.30	293.50	245.20	192.10	260.60	216.10	336.70	211.20	137.50	0.0	0.0	0.0	0.0	79
79SEP	200.30	289.00	225.30	293.60	293.90	414.30	293.50	245.20	192.10	260.60	219.60	336.70	217.50	139.90	0.0	0.0	0.0	0.0	79

APPENDIX I

HISTORICAL INFLATION INDICES :

RAW MATERIAL PORTION ONLY.

HISTORICAL INFLATION
PRE-1958 INDICES

RAW MATERIAL PORTION ONLY

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS	
	INDEX CY67= 100.0	FACTOR FY79= 1.0000	INDEX CY67= 100.0	FACTOR FY79= 1.0000	INDEX CY67= 100.0	FACTOR FY79= 1.0000
CY						
47	17.0	3.1362	36.2	3.4237	21.3	3.2449
48	19.2	2.7774	41.2	3.0086	24.1	2.8653
49	19.3	2.7640	41.5	2.9852	24.2	2.8482
50	20.6	2.5949	43.7	2.8349	25.7	2.6856
51	23.1	2.3103	48.7	2.5456	28.8	2.3988
52	22.9	2.3296	48.7	2.5434	28.6	2.4098
53	23.8	2.2745	50.3	2.4645	29.4	2.3467
54	23.6	2.2957	50.7	2.4452	29.7	2.3276
55	25.4	2.1024	54.1	2.2897	31.8	2.1734
56	27.4	1.9462	58.8	2.1081	34.4	2.0077
57	27.9	1.9113	60.0	2.0666	35.0	1.9704

HISTORICAL INFLATION
CALENDAR YEAR INDICES

RAW MATERIAL PORTION ONLY

CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY79= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY79= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79= 1.0000
59	27.7	1.9253	59.6	2.0302	31.5	1.3307	34.8	1.9830	34.5	1.9235
60	25.8	2.0665	56.3	2.2018	31.3	1.3361	32.6	2.1189	32.5	2.0429
61	26.2	2.0353	57.9	2.1394	30.9	1.3538	33.2	2.0762	33.0	2.0085
62	25.4	2.1002	57.0	2.1746	30.9	1.3558	32.4	2.1292	32.3	2.0549
63	24.5	2.1729	55.8	2.2200	30.5	1.3748	31.5	2.1915	31.4	2.1122
64	23.7	2.2548	53.2	2.3280	30.1	1.3892	30.2	2.2835	30.2	2.1943
65	23.5	2.2652	49.8	2.4896	30.0	1.3979	29.4	2.3497	29.4	2.2529
66	23.6	2.2632	49.0	2.5274	30.0	1.3979	29.3	2.3597	29.3	2.2615
67	23.8	2.2343	49.8	2.4898	30.4	1.3807	29.6	2.3323	29.7	2.2317
68	24.1	2.2123	52.8	2.3466	31.5	1.3294	30.5	2.2640	30.6	2.1678
69	24.5	2.1767	54.3	2.2808	31.2	1.3401	31.1	2.2170	31.1	2.1291
70	25.5	2.0911	57.8	2.1436	31.7	1.3202	32.7	2.1117	32.6	2.0347
71	26.2	2.0329	65.3	1.8979	31.8	1.3163	34.9	1.9763	34.6	1.9161
72	26.2	2.0570	67.7	1.8311	32.3	1.2983	35.4	1.9495	35.1	1.8897
73	26.6	2.0865	65.9	1.8802	32.6	1.2857	35.3	1.9541	35.0	1.8929
74	27.3	1.9959	64.2	1.9295	32.9	1.2734	35.9	1.9215	35.6	1.8616
75	34.2	1.5915	82.9	1.4955	35.1	1.1939	45.0	1.5344	44.6	1.5072
76	39.1	1.3633	95.7	1.2944	36.4	1.1510	51.7	1.3349	50.2	1.3216
77	42.2	1.2626	100.6	1.2319	36.5	1.1480	55.2	1.2502	53.3	1.2432
78	45.6	1.1697	111.5	1.1115	37.6	1.1125	60.2	1.1453	58.0	1.1436
79	49.2	1.0833	113.2	1.0943	40.0	1.0476	63.5	1.0877	61.1	1.0858

HISTORICAL INFLATION
ESCALATION INDICES

RAW MATERIAL PORTION ONLY

	CY	FY	AIRFRAME PRODUCTION INDEX CY67=100.0	AIRFRAME PRODUCTION FACTOR FY79=1.0000	ENGINE PRODUCTION INDEX CY67=100.0	ENGINE PRODUCTION FACTOR FY79=1.0000	AVIONICS PRODUCTION INDEX CY67=100.0	AVIONICS PRODUCTION FACTOR FY79=1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79=1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67=100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79=1.0000
JUL	67	68	29.0	2.3207	52.4	2.3645	31.4	1.3321	30.3	2.2759	30.4	2.1785
AUG	67	68	29.1	2.3173	52.4	2.3643	31.4	1.3334	30.4	2.2735	30.5	2.1766
SEP	67	68	29.1	2.3119	52.4	2.3638	31.3	1.3361	30.4	2.2701	30.5	2.1741
OCT	67	68	29.2	2.3045	53.7	2.3088	31.3	1.3378	30.7	2.2449	30.8	2.1527
NOV	67	68	29.3	2.1970	54.1	2.2901	31.2	1.3415	30.9	2.2332	30.9	2.1432
DEC	67	68	29.3	2.1939	54.1	2.2898	31.5	1.3307	30.9	2.2311	31.0	2.1397
JAN	68	68	29.5	2.1805	54.1	2.2890	31.4	1.3354	31.1	2.2226	31.1	2.1328
FEB	68	68	29.6	2.1726	54.5	2.2759	31.3	1.3374	31.2	2.2126	31.2	2.1248
MAR	68	68	29.6	2.1712	54.5	2.2758	31.2	1.3415	31.2	2.2118	31.2	2.1247
APR	68	68	29.5	2.1730	54.4	2.2783	31.3	1.3374	31.2	2.2138	31.2	2.1259
MAY	68	68	29.5	2.1743	54.4	2.2799	31.3	1.3361	31.0	2.2277	31.0	2.1376
JUN	68	68	29.5	2.1765	54.4	2.2790	31.2	1.3415	31.1	2.2162	31.2	2.1286
JUL	68	69	29.6	2.1690	54.4	2.2784	31.2	1.3428	31.3	2.2082	31.3	2.1219
AUG	68	69	29.7	2.1656	54.6	2.2685	31.2	1.3428	31.3	2.2044	31.3	2.1186
SEP	68	69	29.4	2.1919	54.4	2.2786	31.2	1.3428	31.1	2.2195	31.1	2.1316
OCT	68	69	29.5	2.1810	54.4	2.2785	31.2	1.3428	31.1	2.2189	31.1	2.1311
NOV	68	69	29.5	2.1781	54.1	2.2697	31.2	1.3415	31.1	2.2213	31.1	2.1330
DEC	68	69	29.5	2.1757	54.1	2.2693	31.2	1.3415	31.1	2.2196	31.1	2.1315
JAN	69	69	29.6	2.1648	55.7	2.2256	31.2	1.3442	31.5	2.1881	31.5	2.1047
FEB	69	69	29.1	2.1818	55.7	2.2261	31.5	1.3308	31.9	2.1611	31.9	2.0785
MAR	69	69	29.2	2.1737	55.9	2.2226	31.4	1.3291	32.0	2.1552	32.0	2.0730
APR	69	69	29.4	2.0693	56.0	2.2154	31.7	1.3215	32.2	2.1433	32.2	2.0623
MAY	69	69	29.5	2.0635	57.1	2.2157	31.7	1.3215	32.3	2.1362	32.2	2.0562
JUN	69	69	29.6	2.0675	57.2	2.2175	31.7	1.3215	32.6	2.1168	32.5	2.0410
JUL	69	70	29.5	2.0753	57.2	2.2178	31.7	1.3228	32.6	2.1154	32.5	2.0383
AUG	69	70	29.8	2.0733	57.2	2.2178	31.7	1.3215	32.7	2.1079	32.6	2.0316
SEP	69	70	29.6	2.0837	58.9	2.1775	31.9	1.3137	32.5	2.1213	32.5	2.0420
OCT	69	70	29.7	2.0771	61.2	2.0935	31.9	1.3111	33.0	2.0862	33.4	1.9856
NOV	69	70	29.8	2.0771	61.0	2.0937	32.0	1.3072	33.6	2.0578	33.5	1.9814
DEC	69	71	29.1	2.0953	61.0	2.0937	31.9	1.3111	33.5	2.0634	34.2	1.9387
JAN	70	70	29.2	2.0859	60.1	2.0832	31.9	1.3111	33.0	2.0827	34.5	1.9205
FEB	70	70	29.3	2.0783	60.1	2.0829	31.6	1.3260	33.0	2.0828	34.5	1.9227
MAR	70	70	29.1	2.0902	60.1	2.0834	31.6	1.3260	33.0	2.0850	34.5	1.9247
APR	70	70	29.2	2.0836	60.1	2.0845	31.7	1.3215	33.0	2.0812	34.5	1.9206
MAY	70	70	29.3	2.0760	60.1	2.0828	31.4	1.3321	33.0	2.0789	34.6	1.9164
JUN	70	71	29.3	2.0760	59.2	2.0821	31.9	1.3137	33.0	2.0748	34.7	1.9131
JUL	70	71	29.3	2.0760	59.2	2.0821	31.9	1.3137	33.0	2.0755	34.6	1.9137
AUG	70	71	29.3	2.0760	59.2	2.0821	31.9	1.3137	33.0	2.0765	34.6	1.9141
SEP	70	71	29.2	2.0842	59.0	2.0759	32.0	1.3098	33.0	2.0754	34.6	1.9139
OCT	70	71	29.2	2.0870	59.0	2.0760	32.0	1.3098	33.0	2.0756	34.6	1.9142
NOV	71	71	29.2	2.0870	59.2	2.0828	32.1	1.3046	33.1	2.0704	34.7	1.9080
DEC	71	71	29.2	2.0870	59.2	2.0828	32.2	1.3006	33.0	2.0733	34.7	1.9114
JAN	71	71	29.1	2.0941	59.1	2.0801	32.0	1.2932	33.0	2.0757	34.7	1.9121
FEB	71	71	29.0	2.0975	58.9	2.0814	32.5	1.2809	33.0	2.0736	34.6	1.9154
MAR	71	71	29.1	2.0943	59.2	2.0813	32.7	1.2820	33.1	2.0666	34.9	1.9024
APR	71	71	29.4	2.0787	59.3	2.0805	32.5	1.2894	33.0	2.0694	35.1	1.8914

MAY	71	71	26.4	2.01[illegible]	[illegible]	1.[illegible]59	32.4	1.2945	35.4	1.9504	35.1	1.8699
JUN	71	71	26.4	2.0223	66.7	1.8040	32.4	1.2907	35.8	1.9291	35.4	1.8707
JUL	71	72	26.4	2.0198	66.7	1.8038	32.5	1.2894	35.8	1.9275	35.5	1.8691
AUG	71	72	26.4	2.0122	66.7	1.8038	32.5	1.2882	35.8	1.9274	35.5	1.8688
SEP	71	72	26.4	2.0215	66.6	1.8055	32.4	1.2932	35.8	1.9294	35.4	1.8713
OCT	71	72	26.4	2.0215	66.6	1.8055	32.4	1.2932	35.8	1.9296	35.4	1.8714
NOV	71	72	26.3	2.0294	66.6	1.8056	32.3	1.2957	35.7	1.9310	35.4	1.8730
DEC	71	72	26.3	2.0251	66.4	1.8127	32.3	1.2970	35.7	1.9352	35.3	1.8769
JAN	72	72	26.2	2.0323	66.4	1.8109	32.3	1.2983	35.6	1.9381	35.3	1.8796
FEB	72	72	26.5	2.0135	68.7	1.8042	32.6	1.2857	35.9	1.9245	35.5	1.8659
MAR	72	72	26.5	2.0037	69.0	1.7965	32.5	1.2857	36.0	1.9188	35.6	1.8610
APR	72	72	26.6	2.0052	69.0	1.7963	32.5	1.2882	36.0	1.9163	35.7	1.8591
MAY	72	72	26.7	1.9994	69.0	1.7954	32.6	1.2883	36.1	1.9127	35.8	1.8546
JUN	72	72	26.7	2.0011	68.4	1.9250	32.7	1.2795	35.0	1.9700	34.8	1.9051
JUL	72	73	26.6	2.0029	68.4	1.9250	32.8	1.2783	35.0	1.9710	34.8	1.9058
AUG	72	73	26.7	2.0010	68.6	1.9481	32.7	1.2620	34.9	1.9795	34.6	1.9138
SEP	72	73	26.7	1.9989	68.6	1.9479	32.5	1.2869	34.9	1.9783	34.7	1.9134
OCT	72	73	26.6	2.0051	68.6	1.9482	32.5	1.2882	34.8	1.9820	34.6	1.9168
NOV	72	73	26.6	2.0040	68.6	1.9482	32.5	1.2882	34.8	1.9813	34.6	1.9162
DEC	72	73	26.6	2.0037	68.6	1.9480	32.5	1.2869	34.8	1.9811	34.6	1.9159
JAN	73	73	26.6	2.0017	68.7	1.9461	32.6	1.2832	34.9	1.9792	34.7	1.9136
FEB	73	73	26.7	1.9995	68.7	1.9459	32.6	1.2832	34.9	1.9778	34.7	1.9124
MAR	73	73	26.9	1.9827	69.0	1.9065	32.7	1.2820	35.4	1.9516	35.1	1.8893
APR	73	73	27.0	1.9785	69.0	1.9062	32.8	1.2783	35.4	1.9490	35.2	1.8865
MAY	73	73	27.0	1.9721	68.5	1.8629	32.9	1.2734	35.8	1.9270	35.5	1.8665
JUN	73	73	27.2	1.9602	67.0	1.8509	32.9	1.2722	36.0	1.9151	35.7	1.8558
JUL	73	74	27.2	1.9616	67.0	1.8509	32.9	1.2710	36.0	1.9159	35.7	1.8564
AUG	73	74	27.2	1.9581	67.0	1.8492	32.9	1.2710	36.1	1.9131	35.8	1.8540
SEP	73	74	27.5	1.9403	67.2	1.8443	32.9	1.2710	36.3	1.9011	36.0	1.8434
OCT	73	74	27.7	1.9289	67.2	1.8437	33.0	1.2685	36.4	1.8939	36.1	1.8368
NOV	73	74	27.9	1.9048	67.4	1.8395	33.0	1.2673	36.7	1.8805	36.3	1.8248
DEC	73	74	28.4	1.8803	67.6	1.8334	33.3	1.2577	37.1	1.8613	36.7	1.8065
JAN	74	74	29.3	1.8190	68.5	1.8083	33.5	1.2518	38.0	1.8147	37.6	1.7646
FEB	74	74	29.5	1.8059	69.0	1.7952	33.5	1.2495	38.3	1.8016	37.8	1.7527
MAR	74	74	30.5	1.7485	71.5	1.7339	33.8	1.2401	39.6	1.7427	39.0	1.6992
APR	74	74	31.7	1.6903	73.1	1.6941	34.1	1.2275	40.9	1.6858	40.3	1.6469
MAY	74	74	32.8	1.6294	80.9	1.5525	34.6	1.2130	43.4	1.5886	42.6	1.5582
JUN	74	74	33.5	1.5920	82.7	1.4986	35.1	1.1944	44.4	1.5564	43.5	1.5245
JUL	74	75	35.5	1.5024	85.6	1.4479	35.3	1.1863	46.6	1.4800	45.5	1.4572
AUG	74	75	36.9	1.4463	91.2	1.3588	35.9	1.1672	48.0	1.4101	47.6	1.3916
SEP	74	75	36.9	1.4461	91.5	1.3558	35.7	1.1734	48.0	1.4073	47.7	1.3898
OCT	74	75	37.6	1.4125	92.6	1.3381	36.0	1.1631	50.0	1.3819	48.6	1.3656
NOV	74	75	37.6	1.4125	92.8	1.3350	36.2	1.1592	49.9	1.3835	48.6	1.3649
DEC	74	75	37.5	1.4123	93.6	1.3237	36.2	1.1563	50.0	1.3813	48.7	1.3627
JAN	75	75	38.5	1.3947	94.8	1.2541	36.9	1.1333	51.9	1.3294	50.4	1.3151
FEB	75	75	38.5	1.3956	96.4	1.2459	36.9	1.1363	51.4	1.3441	49.9	1.3287
MAR	75	75	38.5	1.3958	95.2	1.2883	36.7	1.1402	51.3	1.3449	49.9	1.3298
APR	75	75	38.7	1.3737	96.4	1.2455	36.6	1.1431	51.5	1.3400	50.0	1.3256
MAY	75	75	39.0	1.3579	96.9	1.2784	36.4	1.1500	51.9	1.3303	50.3	1.3172
JUN	75	75	39.0	1.3574	95.2	1.3020	36.4	1.1490	51.5	1.3405	50.0	1.3266
JUL	75	76	39.1	1.3557	95.3	1.3000	36.4	1.1500	51.6	1.3387	50.0	1.3250
AUG	75	76	39.7	1.3439	95.4	1.2988	36.5	1.1550	52.1	1.3253	50.5	1.3130
SEP	75	76	39.8	1.3414	95.4	1.2968	36.1	1.1611	52.1	1.3243	50.5	1.3127
OCT	75	76	39.6	1.3468	93.3	1.3082	35.9	1.1672	52.0	1.3279	50.4	1.3164
NOV	75	76	39.5	1.3490	92.8	1.3207	36.0	1.1621	51.7	1.3356	50.1	1.3232
DEC	75	76	39.6	1.3453	93.1	1.3219	36.0	1.1631	51.6	1.3366	50.1	1.3241
JAN	76	76	40.1	1.3249	94.7	1.2561	36.1	1.1611	53.1	1.2991	51.4	1.2895
FEB	76	76	40.3	1.3243	94.7	1.2559	36.2	1.1570	53.2	1.2963	51.5	1.2865
MAR	76	76	40.6	1.3141	94.7	1.2583	36.1	1.1590	53.5	1.2896	51.8	1.2805
APR	76	76	40.6	1.3071	94.7	1.2591	36.2	1.1570	53.7	1.2855	51.9	1.2766

MAY	76	76	41.5	1.2[illegible]	[illegible].9	1.2529	36.2	1.1560	54.3	1.2715	52.5	1.2635
JUN	76	76	42.1	1.2[illegible]	[illegible].0	1.2516	36.4	1.1520	54.8	1.2599	52.9	1.2525
JUL	76	76	42.3	1.2[illegible]	99.4	1.2472	36.4	1.1520	55.0	1.2552	53.1	1.2482
AUG	76	76	42.9	1.2[illegible]	102.0	1.2349	36.4	1.1510	56.0	1.2326	54.0	1.2271
SEP	76	76	43.1	1.2[illegible]	103.2	1.2010	36.5	1.1490	57.2	1.2065	55.1	1.2026
OCT	76	77	44.1	1.2[illegible]	103.2	1.2008	36.6	1.1441	57.3	1.2054	55.2	1.2014
NOV	76	77	44.1	1.2[illegible]	103.2	1.2005	36.7	1.1421	57.2	1.2064	55.2	1.2021
DEC	76	77	44.0	1.2[illegible]	103.2	1.2007	36.7	1.1402	57.1	1.2083	55.1	1.2038
JAN	77	77	43.9	1.2[illegible]	105.5	1.1746	37.1	1.1276	57.6	1.1982	55.6	1.1935
FEB	77	77	44.0	1.2[illegible]	106.2	1.1672	37.2	1.1247	57.8	1.1934	55.8	1.1889
MAR	77	77	44.4	1.2019	109.1	1.1362	37.2	1.1247	58.8	1.1748	56.6	1.1715
APR	77	77	45.4	1.1733	102.2	1.1349	37.4	1.1190	59.6	1.1588	57.4	1.1562
MAY	77	77	45.5	1.1735	112.6	1.1005	37.4	1.1130	60.4	1.1433	58.1	1.1417
JUN	77	77	45.5	1.1730	113.5	1.0921	37.5	1.1131	60.6	1.1395	58.3	1.1382
JUL	77	77	46.3	1.1920	114.3	1.0837	37.4	1.1200	61.4	1.1237	59.0	1.1235
AUG	77	77	46.4	1.1883	114.4	1.0835	37.4	1.1190	61.5	1.1219	59.1	1.1217
SEP	77	77	46.2	1.1535	113.5	1.0915	36.9	1.1033	61.2	1.1279	58.9	1.1263
OCT	77	78	46.3	1.1522	113.6	1.0913	38.1	1.0978	61.2	1.1271	58.9	1.1252
NOV	77	78	46.6	1.1433	114.0	1.0969	38.3	1.0924	61.4	1.1247	59.1	1.1226
DEC	77	78	46.6	1.1437	113.0	1.0969	38.3	1.0942	61.4	1.1245	59.1	1.1226
JAN	78	78	46.3	1.1344	111.4	1.1129	39.2	1.0687	61.2	1.1281	59.0	1.1241
FEB	78	78	47.3	1.1275	111.5	1.1119	39.3	1.0661	61.6	1.1213	59.3	1.1176
MAR	78	78	48.2	1.1057	111.4	1.1120	39.6	1.0568	62.3	1.1083	60.0	1.1049
APR	78	78	48.5	1.0999	110.6	1.1185	39.5	1.0610	62.3	1.1072	60.1	1.1042
MAY	78	78	48.7	1.0953	111.7	1.1094	39.7	1.0551	62.7	1.1009	60.4	1.0979
JUN	78	78	48.9	1.0900	112.9	1.0978	39.9	1.0484	63.2	1.0930	60.8	1.0901
JUL	78	78	49.3	1.0881	114.4	1.0837	40.0	1.0460	63.8	1.0827	61.4	1.0803
AUG	78	78	50.1	1.0842	115.3	1.0750	40.0	1.0468	64.6	1.0685	62.1	1.0671
SEP	78	78	50.2	1.0836	115.0	1.0779	40.1	1.0451	64.6	1.0689	62.1	1.0673
OCT	78	79	50.3	1.0811	114.3	1.0839	40.5	1.0346	64.5	1.0701	62.1	1.0676
NOV	78	79	50.5	1.0559	114.4	1.0832	40.9	1.0226	64.7	1.0666	62.3	1.0637
DEC	78	79	50.9	1.0434	115.7	1.0713	40.9	1.0226	65.3	1.0574	62.8	1.0552
JAN	79	79	51.1	1.0428	117.2	1.0569	41.1	1.0195	65.8	1.0484	63.4	1.0465
FEB	79	79	51.6	1.0330	116.6	1.0450	41.3	1.0133	66.5	1.0377	64.0	1.0361
MAR	79	79	52.2	1.0210	119.7	1.0354	41.5	1.0094	67.2	1.0267	64.7	1.0256
APR	79	79	54.5	0.9739	124.0	0.9997	41.8	1.0018	69.9	0.9871	67.1	0.9880
MAY	79	79	55.1	0.9674	126.5	0.9846	41.9	0.9988	71.4	0.9663	68.5	0.9683
JUN	79	79	55.4	0.9627	131.2	0.9445	42.4	0.9884	72.3	0.9553	69.3	0.9574
JUL	79	79	55.7	0.9572	133.9	0.9257	42.9	0.9790	73.1	0.9444	70.1	0.9465
AUG	79	79	56.0	0.9517	134.7	0.9197	43.3	0.9668	73.5	0.9386	70.5	0.9404
SEP	79	79	56.6	0.9424	134.9	0.9187	44.1	0.9503	74.0	0.9330	71.0	0.9341

HISTORICAL INFLATION
QUARTERLY INDICES

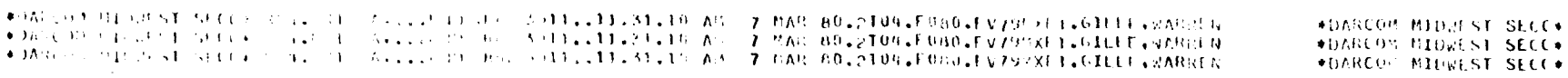
RAW MATERIAL PORTION ONLY

QTR	CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY79= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY79= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY79= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY79= 1.0000
3	67	24.1	2.3106	52.4	2.3642	31.4	1.5339	30.4	2.2732	30.5	2.1764
4	67	24.3	2.3314	53.0	2.3962	31.3	1.5365	30.9	2.2364	30.9	2.1452
1	68	24.5	2.3496	53.3	2.3602	31.3	1.5374	31.2	2.2157	31.2	2.1274
2	68	24.5	2.3512	53.4	2.3791	31.3	1.5383	31.1	2.2192	31.1	2.1307
3	68	24.6	2.3593	53.5	2.3751	31.2	1.5428	31.2	2.2107	31.2	2.1240
4	68	24.5	2.3733	53.2	2.3953	31.2	1.5419	31.1	2.2199	31.1	2.1316
1	69	25.0	2.3526	55.7	2.2238	31.4	1.5316	31.8	2.1680	31.8	2.0853
2	69	25.5	2.0331	55.4	2.1970	31.7	1.5215	32.4	2.1327	32.3	2.0531
3	69	25.6	2.0737	57.1	2.1702	31.7	1.5193	32.6	2.1149	32.5	2.0373
4	69	25.9	2.0530	57.0	1.9995	32.0	1.5098	33.9	2.0372	33.7	1.9681
1	70	26.1	2.0435	65.1	1.9032	31.7	1.5215	34.8	1.9835	34.5	1.9227
2	70	26.3	2.0287	65.1	1.9030	31.7	1.5224	34.9	1.9766	34.6	1.9167
3	70	26.3	2.0233	65.2	1.8994	31.9	1.5132	35.0	1.9748	34.6	1.9139
4	70	26.2	2.0351	65.7	1.8965	32.1	1.5063	35.0	1.9731	34.7	1.9115
1	71	26.1	2.0405	66.1	1.8747	32.5	1.2874	35.0	1.9743	34.7	1.9100
2	71	26.4	2.0211	67.4	1.8638	32.4	1.2915	35.5	1.9440	35.2	1.8839
3	71	26.4	2.0200	67.7	1.8048	32.5	1.2903	35.8	1.9281	35.5	1.8697
4	71	26.4	2.0241	68.5	1.8079	32.3	1.2953	35.7	1.9319	35.4	1.8738
1	72	26.4	2.0134	68.7	1.8939	32.5	1.2899	35.8	1.9271	35.5	1.8688
2	72	26.6	2.0019	67.5	1.8369	32.7	1.2820	35.7	1.9327	35.4	1.8726
3	72	26.7	2.0004	68.9	1.9403	32.7	1.2824	34.9	1.9763	34.7	1.9110
4	72	26.6	2.0043	68.6	1.9481	32.5	1.2678	34.8	1.9815	34.6	1.9163
1	73	26.7	1.9946	69.1	1.9327	32.6	1.2828	35.0	1.9694	34.8	1.9050
2	73	27.1	1.9702	66.2	1.8730	32.3	1.2746	35.8	1.9303	35.5	1.8695
3	73	27.3	1.9535	67.1	1.8651	32.3	1.2710	36.1	1.9100	35.8	1.8512
4	73	28.0	1.9058	67.4	1.8308	33.1	1.2645	36.7	1.8785	36.4	1.8226
1	74	29.3	1.7780	67.7	1.7785	33.6	1.2471	38.7	1.7650	38.1	1.7384
2	74	32.7	1.5824	79.9	1.5705	34.3	1.2115	42.1	1.6079	42.1	1.5749
3	74	36.4	1.4241	82.8	1.5050	35.6	1.1754	48.2	1.4317	47.0	1.4122
4	74	37.6	1.3775	83.0	1.4722	36.6	1.1457	49.9	1.3822	48.6	1.3844
1	75	38.5	1.3453	87.1	1.3759	36.8	1.1366	51.5	1.3394	50.1	1.3245
2	75	38.7	1.3380	90.2	1.3496	36.5	1.1474	51.6	1.3369	50.1	1.3231
3	75	39.5	1.3102	93.9	1.2992	36.2	1.1553	51.9	1.3299	50.4	1.3169
4	75	39.6	1.3063	94.3	1.3182	36.0	1.1645	51.8	1.3333	50.2	1.3212
1	76	40.3	1.2837	93.7	1.2955	36.1	1.1590	53.3	1.2950	51.6	1.2855
2	76	41.5	1.2474	99.9	1.2528	36.3	1.1550	54.3	1.2722	52.5	1.2641
3	76	43.1	1.2031	101.5	1.2297	36.4	1.1503	56.1	1.2311	54.1	1.2257
4	76	44.1	1.2107	115.2	1.2007	36.7	1.1421	57.2	1.2067	55.1	1.2024
1	77	44.1	1.2003	105.9	1.1691	37.2	1.1257	58.1	1.1887	56.0	1.1846
2	77	45.4	1.1741	111.8	1.1039	37.4	1.1187	60.2	1.1472	57.9	1.1453
3	77	46.5	1.1513	119.1	1.0962	37.4	1.1140	61.4	1.1245	59.0	1.1239
4	77	46.5	1.1510	115.2	1.0950	38.3	1.0948	61.3	1.1254	59.0	1.1234
1	78	47.5	1.1287	111.4	1.1124	39.4	1.0638	61.7	1.1192	59.4	1.1155
2	78	48.7	1.0951	111.7	1.1099	39.7	1.0548	62.7	1.1004	60.4	1.0974
3	78	49.9	1.0687	119.7	1.0749	40.0	1.0460	64.3	1.0733	61.9	1.0716
4	78	50.1	1.0651	119.8	1.0709	40.8	1.0256	64.6	1.0647	62.4	1.0622
1	79	51.7	1.0327	111.7	1.0957	41.3	1.0140	66.5	1.0370	64.0	1.0360
2	79	55.0	0.9704	127.9	0.9569	42.1	0.9963	71.2	0.9694	68.5	0.9710
3	79	56.1	0.9508	129.1	0.9481	42.0	0.9992	73.5	0.9387	70.5	0.9403

HISTORICAL INFLATION
FISCAL YEAR INDICES

RAW MATERIAL PORTION ONLY

FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY78= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY78= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY78= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY78= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY78= 1.0000
68	24.3	1.9784	53.8	2.0921	31.3	1.2553	30.9	2.0224	30.9	1.9447
69	24.9	1.9333	55.2	2.0380	31.4	1.2533	31.6	1.9739	31.6	1.9024
70	26.0	1.8522	62.3	1.8051	31.8	1.2381	34.1	1.8330	33.8	1.7772
71	26.2	1.8341	66.1	1.7018	32.2	1.2205	35.1	1.7787	34.8	1.7279
72	26.5	1.8191	68.3	1.6461	32.5	1.2109	35.8	1.7457	35.4	1.6967
73	26.8	1.7977	69.4	1.7459	32.7	1.2039	35.1	1.7766	34.9	1.7230
74	29.4	1.6349	70.8	1.5900	53.6	1.1722	38.6	1.6166	38.1	1.5775
75	37.9	1.2710	93.9	1.1976	36.4	1.0811	50.3	1.2405	48.9	1.2287
76	40.2	1.1961	96.8	1.1619	36.1	1.0880	52.8	1.1822	51.1	1.1755
77	43.0	1.1185	101.5	1.1083	36.4	1.0804	56.0	1.1144	54.1	1.1121
77	44.9	1.0723	109.8	1.0323	37.2	1.0566	59.1	1.0559	56.9	1.0560
78	48.1	1.0000	112.5	1.0000	39.3	1.0000	62.4	1.0000	60.1	1.0000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